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TYPES OF  
VAUGHAN'S  
Excelsior Tall Asters

# Vaughan's Seed Store

84-86 Randolph St.  
CHICAGO

TYPES OF  
VAUGHAN'S BEST VERBENAS

FOR PRICES AND DESCRIPTIONS SEE OTHER SIDE.



# Vaughan's Asters

See Front Cover Page

## VAUGHAN'S EXCELSIOR MIXTURE OF TALL ASTERS

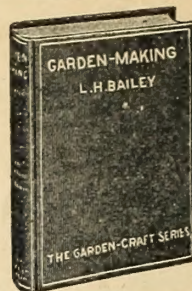
No. 300—ORDER BY NUMBER

This is a mixture of the most beautiful, striking and distinct colors of all the tall growing Asters, selected from the cream of the **Truffaut's, Victoria, Crown, Branching, Comet, Carlson**, and other desirable sorts and includes many kinds specially purchased for this mixture; also the kinds listed in the novelties. This is the finest mixture of Tall Asters ever offered, and the most critical lover of this flower will be astonished at the wide range of colors and varieties given in this truly Excelsior strain. Per pkt. (250 seeds), 15c.; extra large pkt., 25c.; ½ oz., 50c.; oz., \$3.00.

## "VAUGHAN'S BEST" MIXTURE OF VERBENAS

No. 1729—ORDER BY NUMBER

This mixture embraces all that is choice and desirable in Verbenas. It includes the Mammoth Flowered strains of three celebrated Verbena specialists; the beautiful and dazzling **Defiance**, the New Mammoth **Snowball**, **Purples**, **Striped** and the **Auricula-Flowered** varieties with their large umbels of white-eyed flowers; the New Giant **Striped**, the new "**Mayflower**," the new Mammoth **Reds** and **Pinks**, and Howard's "**Royal Splendor**" Verbenas. We feel perfectly safe in stating that this mixture of Verbenas will eclipse every other strain offered by any other house, and it will produce flowers that will delight all beholders throughout the whole Summer. Pkt. (125 seeds), 15c.; extra large pkt., 25c.; ½ oz., 50c.; oz., \$3.00. For Cheaper Mixtures and Separate Colors of Asters and Verbenas, see Body of Catalogue.

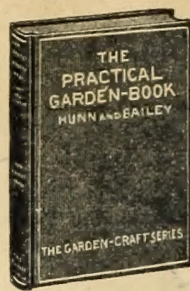


### "Garden Making"

By Prof. Bailey.

The Most Up-to-Date Book on General Gardening.

A \$1.00 Book for 65 cts.  
or by mail, post-paid, 70 cts.



### A \$1.00 Book for 70 Cents

By Mail 75 Cents.

An Encyclopedia in Miniature of Gardening Matters. The Best of Its Kind.

We will send one copy of either of the above books **FREE** to anyone ordering from us, at one time, \$2.50 worth of Vegetable or Flower Seeds, in **packets and ounces**, at regular catalogue rates, **without discount**, or we will send one copy free with any general order for Vegetable or Flower Seeds, Plants or Flower Bulbs amounting to \$5.00 or over.

**NOTICE**—This is a premium only for what is enumerated above.

## CASH DISCOUNTS

On Packets and Ounces of all our seeds, except those costing \$1.00 per ounce and over, such as Cauliflower, etc., etc.

Customers sending.....	\$1.00	\$2.00	\$3.00	\$4.00	\$5.00
May select extra seeds to the value of	.20	.40	.60	.80	1.00

## VEGETABLE AND FLOWER SEEDS IN PACKETS OR OUNCES

**THIS DISCOUNT** only applies to orders for flower and vegetable seeds in packets or ounces, and does not include seeds by weight (¼ lbs. and over), or measure (pints, quarts, etc.), or collections, or bulbs and plants; nor can it be applied to orders sent at different times during the season, except previous arrangement is made, but customers are allowed to select seeds in packets for the cost of sending money order besides these discounts.

## PLEASE READ THE FOLLOWING CAREFULLY

### OUR TERMS ARE STRICTLY CASH WITH ORDER.

We do not send C. O. D., as the cost of collecting return charges is quite an unnecessary item of expense, and the prices being given we can conceive of no necessity to warrant goods being so sent.

**HOW TO ORDER** Write your name, postoffice, state and express office plainly, with black ink, on every order and every time you write to us. Give plain shipping directions; where none are given we use our best judgment, but it must be at customer's expense and risk.

**VERY IMPORTANT** We aim to fill your orders immediately, and you can greatly aid us in making them out on our Order Sheet, as follows:

1. Place the quantity wanted before each article,
2. Use one line for each kind ordered.
3. As nearly as possible, make your list in the same order in which the seeds are catalogued, beginning at the front.
4. Kindly use special order sheet for plant orders and inquiries and other matters not pertaining to the order.

**HOW TO SEND MONEY** Send cash with order (as we do not open book accounts for small amounts, and can only send to the value of money received), by New York or Chicago Draft, Registered Letter, or Postoffice or Express Money Order; both are cheap and absolutely safe. Postage stamps are taken as cash, but we prefer the larger denominations, such as fives, tens or fifteens. Registered letters are generally very safe, and you can send that way from any postoffice and receive your receipt by return mail, by which you know it has reached us. If local checks are used, 25 cents must be added to cover the cost of collecting. Make money orders payable to "Vaughan's Seed Store."

**ORDER EARLY** Do not wait until the rush of planting time. We strive to fill orders promptly and at short notice, but a rush season always and everywhere has its inevitable delays. First come will be first served.

**ERRORS** If stock is not as expected, compare with order, read catalogue rules carefully, and if we are in the wrong, write us at once, giving all particulars; but please do not complain to others until you have given us a chance to explain or rectify. Do not return goods until you hear from us.

**RECOMMENDATIONS** We tender our sincere thanks to the numerous customers who have been kind enough to recommend us; we shall ever strive to deserve such confidence. We shall at all times be glad of the opportunity of forwarding catalogues to friends of customers on receipt of a line requesting us to do so.

## GUARANTEE

Seeds of the best quality are apt to fail, through improper treatment, by sowing the seed too deep or too shallow, in too wet or too dry soil. They differ greatly as to temperature required for germination. Some will germinate rapidly at a certain temperature, while others, if sown under the same conditions, are apt to decay. The young plants are liable to various accidents, cold or dry air may check their growth or destroy them. Insects above and below the ground may attack them, and a great many other contingencies may arise to prevent the best seeds from giving satisfaction, and for all these reasons it is impractical to guarantee seeds. Vaughan's Seed Store gives no warranty, expressed or implied, as to description, quality, productiveness, or any other matter, of any seeds, bulbs or plants we send out, and we will not be in any way responsible for the crop. If the purchaser does not accept the goods on these terms, they are at once to be returned.

J. C. VAUGHAN, President.

Established 1876—Incorporated 1901

C. CROPP, Sec'y and Treas.

# VAUGHAN'S SEED STORE

14 Barclay St., NEW YORK.

84 and 86 Randolph St., CHICAGO.

GREENHOUSES: WESTERN SPRINGS, ILL.

Copyright, 1903, by Vaughan's Seed Store.



# Twenty-Sixth Annual Catalogue

The Gain  
in Quality

Growth of  
Our  
Business

Character  
of Our  
Mail-Order  
Business

Some  
Reasons  
Why

Money-  
Making  
Seeds

The Best  
for Pleasure  
or for  
Profit

True  
Descrip-  
tions

About  
1903  
Prices



LET NO ONE believe that Horticulture and Agriculture have not advanced with the progress made in other lines of man's endeavor and interest. On the contrary, both gardening and farming have made rapid advances both in quality and quantity of the products. Farmers have profited by the trial and use of improved seeds as much as by improved methods, while gardeners have profited by the use of new vegetables and controlled large markets at the right time. This is as encouraging to the seedsman and grower as to the gardener and planter. The seedsman is encouraged to greater care in offering only novelties of real merit and supplying only the highest grade of standard varieties. This appreciation of and demand for high-class pedigree seeds is equalled by the growth of our business, as outlined in our 25th anniversary book, issued last year. We gave in that issue reasons which seemed to make plain the real causes of the growth of our business. That year now closed has proven a record breaker in the volume of our business and in the number of customers satisfactorily served. Our mail-order business has never been lowered by the use of catch-penny collections of formidable names, containing disappointing quantities and little value. On the contrary, we seek to offer the actual seed user packets of real value in quality and high-class bulk seeds at closest prices for quantity. We venture to repeat a few of the reasons for the growth of our business as given in our 25th annual.

We have sought to supply market gardeners, growers of specialties and professional florists. The largest part of our business has always come from those whose very livelihood depends on the success of what they grow. This is the test that counts. These men must have the best seeds obtainable. They seek money makers which show well and have quality. Wherever our catalogues go, our seeds have carried a high standard of quality, and many specialties in both vegetables and flowers can be had only from us.

This is your great advantage in buying here. You get the same seeds as we grow for the professionals. You secure the varieties that control their trade for us. The seeds that are the best for the money maker are the best for everybody. You who grow flowers for their beauty want the best flowers. You who raise vegetables for pleasure want the finest you can raise. Get them where the market gardener and the florist is supplied.

We say nothing in this catalogue which is not true. We have too much at stake. Our descriptions say too little rather than too much. All the seeds that we offer have been thoroughly tested. Our novelties are all of known merit. We have no untried experiments for you; nothing to disappoint. We know the seed business thoroughly, and we pledge our reputation on whatever we tell you.

Some seeds are scarce this season and the market price is higher than usual. These include peas, beans, cucumbers, radishes and most vine seeds. But our prices on all seeds are as low as the market permits. Not as low as the prices on poor seeds; they are not our competitors. There are plenty of seeds that can be sold at half of our prices. But good seeds cannot cost less than we ask you. We are doing much business in a wholesale way, growing, buying and selling on the most economical plans. No one can undersell us on such seeds as we offer. And poorer seeds are dear as gifts. Skimping on seed prices is poor economy. There is no real pleasure or profit in any but the best.

J. C. VAUGHAN, Pres.

ESTABLISHED 1876

INCORPORATED 1901

C. CROPP, Sec'y and Treas.

## VAUGHAN'S SEED STORE

14 Barclay Street, NEW YORK.

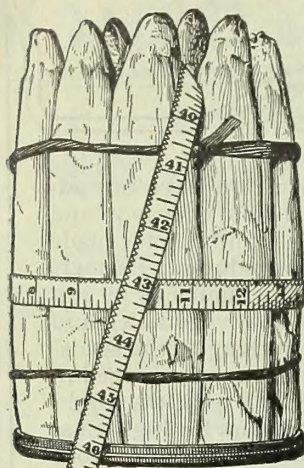
84 and 86 Randolph Street, CHICAGO.

GREENHOUSES, WESTERN SPRINGS, ILL.



# Vaughan's Novelties and Specialties in Vegetable Seeds.

**THE** Following List Contains the Best Novelties of the Season, together with some of our Specialties and those of other Growers which have Proved to be of Merit.



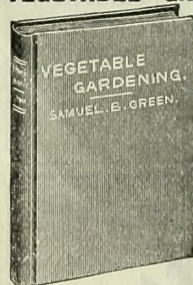
BONVALLET GIANT ASPRAGUS.

**AN ASPRAGUS BED** is not planted every year, and a mistake made in the selection of the kind is of serious consequences to the gardener who depends on his asparagus for a revenue, and is very annoying to the man who plants it in his garden. Plant, therefore, the right kind, and Bonvallet's Giant is IT, and "Vaughan's Vegetable Garden" will tell you HOW.



CELERY "WINTER QUEEN."

## VEGETABLE GARDENING



A MANUAL

on the growing of vegetables for home use and marketing

BY  
SAMUEL  
B. GREEN  
Professor of Horticulture  
U. of Minn.

Revised Edition.

Regular Price \$1.25; Our Price 65c

Every gardener and private planter should have this book; it will pay for itself the first summer.

## New Asparagus, "Bonvallet's Giant"

This new Asparagus brings the highest prices in the Chicago market, and is in great demand for its flavor and great size and whiteness. Its superior qualities are: **Early bearing** of extra long spears, which are tender and of fine flavor. **Lasting quality.** Since the crown does not divide, it yields large shoots for a longer time than any of the older kind. **Resistance to the asparagus rust**, which has been so disastrous to many asparagus beds. **SEED:** Pkt., 10c.; ½ oz., 20c.; oz., 30c.; 2 oz., 50c.; ¼ lb., 85c.; lb., \$3.00. **TWO YEAR OLD SELECTED ROOTS:** Dozen, 30c.; 25 for 60c.; per 100, \$2.00; 250 for \$4.00; per 1000, \$15.00. If by mail add 20c. per 100 for postage.

## New Wonder Bush Lima Bean

The Earliest, Dwarfest and Most Prolific

New Wonder gives the largest and best returns—a big crop from a small space—and is a decided improvement on the original type of Burpee's Bush Lima, being seven to ten days earlier, with pods 4 to 6 inches in length, each containing three and sometimes four large green beans of the finest flavor. The beans are of flat shape and fully equal in flavor to the famous Dreer's Bush Lima, so well and favorably known. **Pkt., 10c.; ½ pint, 15c. (by mail, 20c.); pint, 25c. (by mail, 33c.); qt., 45c. (by mail, 60c.); 2 qts., 80c.; 4 qts., \$1.50.**

## New Round Pod Kidney Wax Bean

This bean is closely allied to the popular Wardwell's Kidney Wax, differing from that variety in that the pod is perfectly round, somewhat longer and **entirely stringless**. It is of the same season as the Wardwell's Kidney Wax, is a very prolific grower and a first-class yielder. The pod is very tender and meaty and entirely free from muslin or toughness, which characterizes the pods of many types. This new sort has great merit and is destined to become one of great popularity with the market gardeners. Prices same as on Wonder Bush Lima. ½ peck, \$1.20; peck, \$2.00; bush., \$8.00.

## New Early Bush Bean, "Brittle Wax"

A new Wax Bush Bean of great merit. The plants are of vigorous growth, with large foliage and of extraordinary productiveness; **over 100 pods having been counted on a single bush.** The pods are very broad and fleshy, of the saddle-back type, tender, brittle and entirely stringless at all stages of growth. They are nearly straight and measure from 4½ to 6 inches in length. Stock limited. **Pkt., 15c.; 2 for 25c.; ½ pt., 20c. (by mail, 25c.); pt., 35c. (by mail, 40c.); qt., 60c. (by mail, 75c.)**

## Pole Bean, Earliest Giant, "Advance"

This is the best all-round Pole Bean. It is the **earliest of all**, being a week in advance of all others. It is a very vigorous grower, therefore invaluable for rougher climates. The pods grow 8 to 10 inches long, are deep green and produced in greatest abundance. Pole Beans yield larger crops than the Bush sorts, bear longer, are harder and of better flavor. **Pkt., 15c., 2 for 25c.; ½ pint, 25c. (by mail, 30c.)**

## New Pole Bean, "Burger's Stringless"

This is one of the best Pole Beans. The pods are long, green and absolutely stringless. The beans are small and white. The vines bear for a very long time. **Pkt., 15c.; 2 for 25c.; ½ pint, 25c. (by mail, 30c.)**

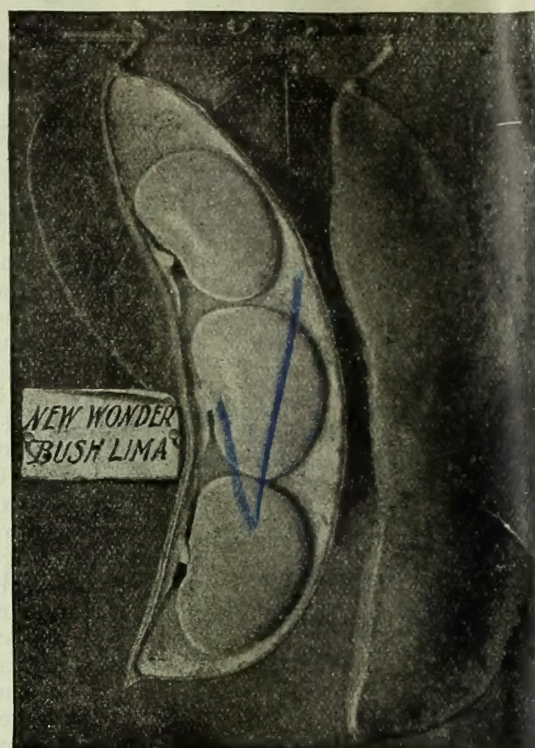
## New Celery, "Winter Queen"

This is without doubt the most valuable variety of celery for Winter and Spring use ever introduced, even excelling the celebrated Perfection Heartwell as a late Winter keeper. It is also much stouter, thicker and heavier, with **double the amount of heart of any known celery.** The plant is beautiful in appearance, of close habit and compact growth, and blanches to a beautiful cream white. Ribs perfectly solid, crisp and of a delicious nutty flavor. It is worthy of first place as a late celery, and will keep longer than any other variety. Grow Winter Queen once and you will always grow it. **Pkt., 10c.; ½ oz., 15c.; oz., 20c.; 2 oz., 35c.; ¼ lb., 60c.; lb., \$2.00.**

## New Celery,

## "Far Superior Many Heart"

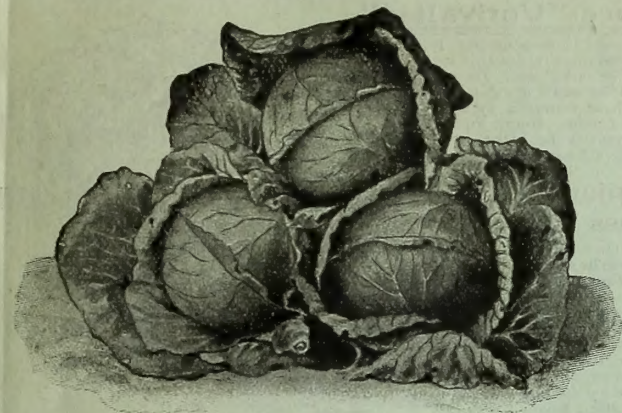
The quality of this celery is superior to that of most other kinds. It is an excellent keeper and produces plenty of heart, which is now one of the most important points in a celery. **Pkt., 10c.; ½ oz., 15c.; oz., 25c.; ¼ lb., 70c.; lb., \$2.50.**



NEW ROUND POD KIDNEY WAX BEAN  
PHOTOGRAPHED FROM NATURE.



# VAUGHAN'S VEGETABLE SEED NOVELTIES AND SPECIALTIES FOR 1903



GLORY OF ENKHOUSEN.

## New Cabbage "Glory of Enkhausen"

One of the earliest with large solid heads, of fine globular shape, fine ribbed and of excellent quality. Outer leaves very small so as to admit of very close planting. We recommend it for the home garden and as a money-maker for market gardeners. Pkt., 10c.; 3 for 25c.; ½ oz., 50c.; oz., \$1.00.

## New Red Cabbage "Zenith"

**THE BEST RED Cabbage Up to Date.**

It possesses all the requirements of a good red Cabbage. The heads are very solid, of the richest deep blood-red, of medium size, fine ribbed and with but few outer leaves. It matures medium early and is a splendid keeper. Pkt., 10c.; 3 pkts., 25c.; ½ oz., 50c.

## Cabbage "New Early Flat Head"

**IMPROVED Early Spring**

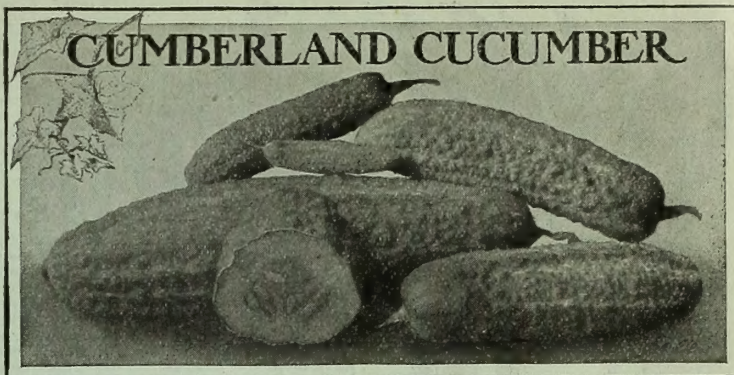
Also known as the Eureka or Feast Early. This is a cross between Jersey Wakefield and Succession and its mixed blood is plainly shown in the stock, the leaves indicating the Wakefield growth. By careful selection for five years we have secured an early flat heading variety, having the thick leathery leaves of the Wakefield and producing slightly rounded heads at practically the same date as the pointed Wakefield. The plant is of robust habit, dwarf growing and with but few outside leaves. A very reliable header of best quality. We have great faith in this variety as a truly valuable acquisition for the market gardeners' list, and it is giving satisfaction wherever planted by them. Pkt., 10c.; ½ oz., 20c.; oz., 30c.; 2 oz., 50c.; ¼ lb., 80c.; lb., \$3.00.



THE EARLIEST AND MOST PRODUCTIVE OF THE WHITE SPINES.

## Early Cyclone Cucumber

It is not only the earliest cucumber in cultivation, being fully two weeks ahead of White Spine, but it is of the desirable White Spine type, being shorter, thicker and holding better its deep green color than any other early Cucumber in cultivation. It is very prolific and grows its fruit in bunches of threes and fours, of uniform size and shape. A single hill will sometimes produce from ten to twelve shapely cucumbers, valuable either for slicing or for pickling. Our seed is from the originator and is therefore absolutely true. Pkt., 10c.; ½ oz., 15c.; oz., 25c.; 2 oz., 40c.; ¼ lb., 70c.; lb., \$2.50



## The "Cumberland" Pickle

This variety, of the hardy White Spine type, is a rapid, strong grower and is very prolific in fruit. The pickles differ from all other hardy sorts in being thickly set with fine spines, except on the extreme stem end. During the whole period of growth, from the time they first set until full grown, the form is exceptionally straight and symmetrical, making them as choice for a slicing variety as for pickles. The flesh is firm, very crisp and tender at all stages. Pkt., 10c.; ½ oz., 15c.; 1 oz., 25c.; 2 oz., 40c.; ¼ lb., 65c.; 1 lb., \$2.00.

The Best Pickling Cucumber Known. Enormously Prolific. A Shy Seeder. Fine for Both Slicing and Pickling.



## New Savoy Cabbage "Iron Head"

**Earliest, Large, Tender and Solid**

This is the best of all the early Savoy Cabbages. The heads are round, very large, of best flavor and as hard as iron. It is the earliest of all. Market gardeners will find it a money maker. Pkt., 10c.; ½ oz., 15c.; oz., 25c.; 2 oz., 40c.; ¼ lb., 65c.; lb., \$2.50.

## New Celeriac "Earliest of All"

**Earliest, Largest ALWAYS Tender Smooth and Little Foliage.**

Is superior to all other sorts of German or tuberous-rooted Celery. In the first place it is the earliest of all, being ready in June. The flesh is pure white and very tender.

When full grown the roots surpass those of the giant sorts in size and are never woody. The foliage is very short and the tubers are very smooth, having but a few fine roots on the bottom. On account of its rapid growth, this sort is most admirably adapted for late planting. For Winter use it can be planted as early as July. Pkt., 10c.; ½ oz., 20c.; oz., 35c.; 2 oz., 65c.

## New Savoy Cabbage "All Head"

The heads of this Cabbage are conical, extremely solid, all head, with hardly any outer leaves. It comes in after the "Iron Head," and in flavor resembles that of Brussels Sprouts. Pkt., 15c.; 2 for 25c.

## Special Offer No. 5

One pkt. each Iron Head Savoy, Cumberland Pickle, Oakview Sweet Corn and Black Beauty Egg Plant for 30c.

## Sweet Corn "Oakview Early Market"

**As Early as Cory with Ears Twice as Large.**

The plant is very vigorous and hardy, a little taller and stouter than the Cory, and produces one or two ears, each covered to the very tip with 12 or 14 rows of square, white grains of excellent quality. The ears become fit for use about the same time as Cory and average fully twice the length of those of that variety. This sort cannot fail to become very popular with the market gardener. Pkt., 10c.; pt., 15c.; qt., 25c.; pk., \$1.35; bu., \$5.00. If Corn is wanted by mail or express prepaid, add 10c. per pint, 10c. per quart, for charges.

## New Egg Plant "Black Beauty"

**THE EGG PLANT for the Home Garden or Northern Locations.**

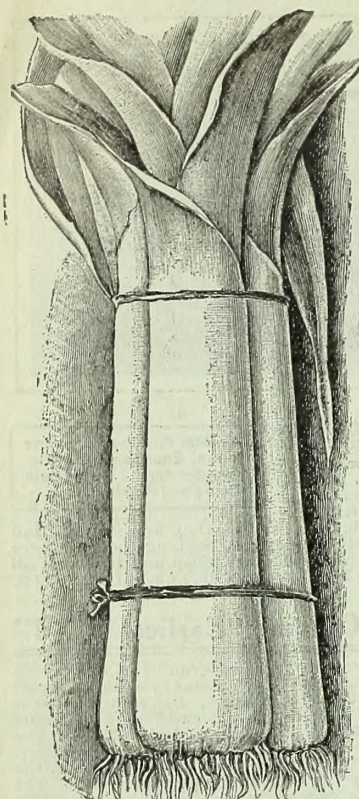
From 10 to 12 days earlier than New York Improved Purple. The fruits are broad and thick, of most attractive form, as shown in the illustration. The skin is a rich lustrous purplish black. This intensely brilliant coloring is uniform over the whole fruit and does not fade or change to a lighter color at the blossom end. The calyx, which attaches the fruit to the stem, is bright green, contrasting finely with the dark satin skin of the fruit, and is entirely free from spines or thorns. The fruits set most freely and are ready to market early, so that the entire crop can be gathered before there is any danger of frost, while of the New York Improved Purple many fruits do not reach full size before they are destroyed by frost. Pkt., 10c.; 3 pkts., 25c.; ½ oz., 40c.



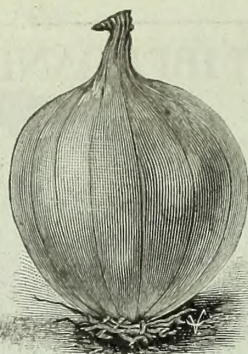
NEW EGG PLANT "BLACK BEAUTY."



# VAUGHAN'S VEGETABLE SEED NOVELTIES AND SPECIALTIES FOR 1903



BULGARIAN LEEK.



NEW ONION "EXPRESS"

earliest market. Pkt., 10c.; ½ oz., 15c.; 1 oz., 30c.; 2 oz., 50c.; ¼ lb., 80c.; lb., \$2.70.

## Musk Melon, The "Osage Gem"

Combines the shipping qualities and flavor of the Osage and Netted Gem (Rocky Ford). This is hard to beat. A splendid shipper. Outside like the Netted Gem, inside like Osage or Paul Rose; it pleases the eye on sight and confirms the impression by its color and exquisite flavor when cut. It has two great advantages for the gardener: First, it will sell for the highest prices in any market where "Gems" are popular, from its appearance as a first-class type of that variety. Second, when cut it will please all customers who prefer a salmon flesh and will sell on its table merits, which are first-class and reliable, if the crop is well grown. Pkt., 10c.; ½ oz., 15c.; 1 oz., 25c.; 2 ozs.; 40c.; ¼ lb., 65c.; 1 lb., \$2.00; by express, 1 lb., \$1.90; 5 lbs., \$8.75.

**Leek Bulgarian Winter** This is one of the most desirable of Leeks, being extremely hardy and of enormous size, the stalk being tender up to a height of 15 inches. Pkt., 10c.; ½ oz., 20c.; oz., 35c.

## Iceberg Water Melon

In general shape, size and appearance, this is similar to Kolb's Gem, but is distinctly darker, and the skin where the melon rests on the ground is rich yellow instead of white as in that variety. It has a very firm, hard rind, and is quite as good a shipper as the Kolb's Gem, but the flesh is much deeper colored, extends nearer to the rind, is much more tender and sweet. We think this variety is much the best dark colored shipping melon yet produced. Pkt., 5c.; oz., 10c.; 2 ozs., 20c.; ¼ lb., 30c.; lb., \$1.00.

## "THOMAS LAXTON"

**New first-early, large-podded Pea.** This fine new early Pea was raised by crossing 'Gradus' (Prosperity) with a very early seedling of the 'Earliest of All' type. It is a white seeded wrinkled marrow with a good constitution. In earliness it is within a day or two of 'Earliest of All,' but pods contain on the average 7 to 8 very large peas of the richest flavor. The height is from 3 to 3½ feet. As a first early we consider this is the finest early pea ever introduced and likely to supersede that fine early pea 'Gradus,' being earlier, harder in constitution and darker in color. It is a reliable market gardeners' as well as private gardeners' pea. Pkt., 10c.; ½ pt., 20c. (by mail, 25c.); pt, 30c. (by mail, 38c.); qt., 60c. (by mail, 75c.); 4 qts., \$2.25;

## New Radish—Wurzbürger Giant Forcing.

Radish grows to the large size of 2 inches in diameter without getting pithy. It is of excellent quality, crisp and tender, of beautiful rich red color and is equally well adapted for out-door culture as for hot-bed forcing. Pkt., 10c.; 3 for 25c.

## "Bush Fordhook" Squash

Like the original Fordhook Squash, this new Bush type is unequalled in quality and delicious sweetness by any other variety either for summer or winter use. The young, tender fruits can be sliced and fried or prepared as other early varieties for summer use, while the ripened fruits can be gathered just before frost and stored in a warm dry place for winter. They will keep in fine condition until the new crop is ready. Pkt., 10c.; ½ oz., 15c.; oz., 25c.; 2 ozs., 45c.; ¼ lb., 70c.

## The Delicious Squash

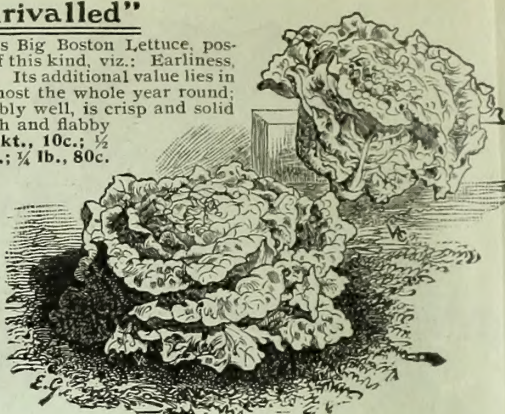
Its color is almost uniformly of a green shade, with occasionally a blue specimen, it being just about as pure in this respect as was the original Hubbard. In size it also closely follows the original Hubbard, which weighed between five and ten pounds. In thickness of flesh it surpasses nearly every variety, the color being a dark orange. For table use no squash compares with it in its remarkable combination of fineness and compactness of grain, dryness, sweetness and exceeding richness of flavor. It is a fall and winter squash, being excellent at all seasons, but like the old Hubbard, though at any time excellent, does not acquire its best quality until winter. Pkt., 15c.; 4 pkts. for 50c.

## The Michigan Squash

This is an entirely distinct variety and belongs to the Summer and Fall Squashes. The Squash grows from 8 inches to 1 foot in length by a thickness of 3 to 4 inches. The seed cavity is very small, the flesh is extremely fine grain, of delicious flavor, lacking that decided squash flavor so prominent in most kinds. The exterior is very dark green, almost black, and the Squash averages from 2 to 3 pounds in weight. Our attention was called to this kind a few years ago when visiting New Haven, Conn., and we procured our stock seed from a local gardener who had obtained as much as \$100.00 for 100 dozen Squash hauled into New Haven in one load. We recommend this variety very highly. Price per pkt., 10c.; ½ oz., 15c.; oz., 25c.; 2 oz., 40c.; ¼ lb., 70c.; lb., \$2.40, postpaid.

## Tomato—Vaughan's New Model

See back cover for illustration. Painted from nature, and see inside third cover page for description and price.



NEW LETTUCE "UNRIVALLED."



THE OSAGE GEM MUSK MELON.

**Special Offer No. 18**  
(Order by this number) 1  
pkt. each, Express Onion,  
Unrivalled Lettuce, Black  
Michigan Squash for 20c.



NEW RADISH  
WURZBURGER GIANT FORCING

Many varieties listed in other catalogues as "novelties" will be found in this catalogue with their respective classes.



# ORDER SHEET TO VAUGHAN'S SEED STORE.

84 & 86 Randolph Street, CHICAGO, ILL.

While we exercise the greatest care to have all Seeds, Bulbs and Plants pure, true and reliable we do not give any warranty expressed or implied. If the purchaser does not accept these goods on these terms and conditions they must be returned at once, and the money that has been paid for same will be refunded.

Your Name \_\_\_\_\_  
(VERY PLAIN.)

Date.....1903

Please do not write here.

State how much money you enclose.

*Make money orders or checks payable to  
Vaughan's Seed Store.*

**Money Order** = \$.....

Draft or Check = \$.....

Postage Stamps \$.....

Cash      =      =      =      \$ .....

Post Office .....

County ..... State .....

Street..... P. O. Box.....

Express Office { If different } .....  
from P. O. } .....

Gardener's Name \_\_\_\_\_

Please forward goods by { Mail, Freight }  
or Express.

**In ordering Pints and Quarts of Peas, Beans and Corn, to be sent by mail, add money for postage.**

[illegible]

OUR PRICES INCLUDE POSTAGE on Packets, Ounces, Quarter-Pounds and Pounds of VEGETABLE and FLOWER SEEDS; also, on PLANTS and BULBS, EXCEPT WHERE NOTED.

**OUR PRICES DO NOT INCLUDE POSTAGE** on Pints, Quarts, and larger amounts of Beans, Peas, Sweet and Field Corn, nor on amounts larger than one pound, except where it is marked otherwise.

**"BY FREIGHT OR EXPRESS"** always means that transportation charges are to be paid by the purchaser.

[OVER.]

PLEASE CARRY OUT THE PRICE OF EACH ITEM.



☞ We will consider it a special favor if you write below the names of some of your friends who are likely to use seed. ☞

[illegible][illegible]

*While all our stocks of everything are most complete, it is quite likely that some of the "short crop" or scarce items will be sold out before the end of the season, therefore please state on your order if we may substitute. This we do with greatest care, sending similar varieties of equal or greater value.*



# Vaughan's Garden Seeds

GROWN ESPECIALLY FOR MARKET GARDENERS AND TRUCKERS



The prices quoted in this Catalogue include free delivery on packets, ounces, one-fourth pounds and pounds (except where otherwise stated). They do not include delivery charges on larger quantities, nor on pints, quarts, pecks or bushels.

"BY FREIGHT OR EXPRESS" always means that transportation charges are to be paid by the purchaser.

## ARTICHOKE

**GREEN GLOBE.**—Produces large, globular heads; scales green, shading to purple; best for general use. Pkt., 10c.; oz., 30c.

**GLOBE ARTICHOKE PLANTS.**—Each 35c; doz., \$8.75, by express only.

See "Farm Seeds" for Jerusalem Artichoke.

## ASPARAGUS SEED

The seed should be sown in March or April, just as soon as the ground can be worked, in good, rich, mellow soil, in drills one foot apart, then covered with earth from one-half to three-quarters inch deep.

**CONOVER'S COLOSSAL.**—5 lbs., by express, \$1.20; pkt., 5c; oz., 10c; ¼ lb., 15c; lb., 45c.

**BARR'S MAMMOTH.**—Pkt., 5c; oz., 10c; ¼ lb., 20c; lb., 60c.

**COLUMBIAN MAMMOTH WHITE.**—Produces white shoots which remain white. Pkt., 5c; oz., 10c; ¼ lb., 15c; lb., 60c.

**PALMETTO.**—One of the best. Pkt., 5c; oz., 10c; ¼ lb., 20c; lb., 60c.

An Asparagus Bed, if properly planted and cared for, will last a lifetime.

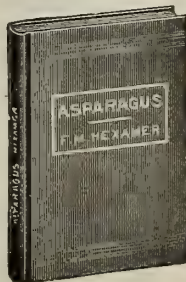
## ASPARAGUS CULTURE

A treatise on the best methods employed in England and France by Barnes and Robinson, with translation of Leboeuf's Essay on Asparagus. Price per copy, bound in cloth, 50c, postpaid.

## ASPARAGUS

By F. M. Hexamer.

This is the latest book on the culture of this profitable vegetable. Every gardener should have it. It tells how to prepare the ground, plant, cultivate, fertilize, harvest, pack, ship and can the product. Gardeners, in order to make money, must read and be up with the times. Every dollar spent for good gardening books means One Hundred Dollars extra in larger returns. Price, 60c.



For twenty-six years we have supplied Seeds for Market Gardeners

The Seeds offered here are grown from pedigree stocks. Each variety has been grown in just the part of the earth where climate, soil and season unite to produce the most perfect of its kind. These seeds have been selected by experts to meet your requirements, and to accord with our standards. They can be absolutely relied upon.

We sell these special Seeds as low as good seeds can be bought for anywhere. No reputable seed house, so far as we know, undersells us. If we are wrong, let us know it. Seeds without standing or quality may cost less, but we wish and intend to sell at least as low as good seeds cost anywhere.

**WE PREPAY CHARGES** either by mail, express or freight (at our option), on all Orders for Vegetable or Flower Seeds, provided the order amounts to \$10.00 and upwards, and the cash is sent with the order. This offer does not include beans, corn, onion sets or peas by the half-peck, peck or bushel, nor potatoes, farm and field seeds.

## Asparagus Plants

These prices do not include postage. If to go by mail, add 25c. per 100 for the 1-year-old plants, and 50c. per 100 for the 2-year-old plants. We furnish 25 of a kind at the 100 rate, except where noted.

Special prices on Larger Lots on Application.

**BONVALLET'S GIANT.**—See novelties.

**COLUMBIAN MAMMOTH WHITE.**—One-year old roots. Doz., 15c; 100, 75c; 500, \$3.00; 1000, \$5.50; 2-year old roots, 100, \$1.00; per 1000, \$6.50.

**CONOVER'S COLOSSAL.**—One-year-old roots. 100, 50c; 1000, \$4.00; 2-year-old roots, good plants, 100, 70c; 1000, \$5.00; 2000, \$10.00; 5000, \$20.00; 3-year old roots, extra strong, 100, \$1.25; by mail, \$2.00.

**BARR'S MAMMOTH.**—One-year-old roots, per 100, 60c; per 1000, \$4.50; 2-year-old roots, doz., 20c; 100, 75c; 500, \$3.25; 1000, \$6.00.

**PALMETTO.**—One of the hardiest sorts, almost "blight-proof," of excellent quality and fine appearance. One-year old roots, per 100, 60c; 500, \$2.75; 1000, \$5.00; 2-year old roots, per 100, 85c; 500, \$3.75; 1000, \$7.00; 3-year-old roots, per 100, \$1.25.

## BROCCOLI

**LARGE WHITE MAMMOTH.**—Heads compact. Pkt., 10c; ½ oz., 15c; oz., 30c.

**PURPLE CAPE.**—Large heads, of a brownish purple color and good flavor. Pkt., 10c; ½ oz., 15c; oz., 30c.

## BRUSSELS SPROUTS

A Most Delicious Vegetable.  
**PARIS MARKET.**—This is a very fine new variety, of half-dwarf growth, bearing handsome, solid, round sprouts of best quality, crowded together on the stalk, 1 to 2 inches in diameter, resembling cabbages in miniature. The sprouts are used as greens, and become very tender and of rich flavor when touched by frost. Sow in May, and treat the same as winter cabbage. Lb., \$1.40; ¼ lb., 40c; oz., 15c; ½ oz., 10c; pkt., 5c.





WARDWELL'S KIDNEY WAX.

## Pole Beans

**Early Golden Cluster Wax.** A desirable sort, only seven days later than the Dwarf Golden Wax. The pods are tender, 6 to 8 inches long, borne profusely in clusters of three to six, and are of a beautiful golden-yellow color, which they retain a long time after being picked. They snap easily, are stringless, and delicious.

**Kentucky Wonder or Old Homestead.** A very prolific sort, producing its long pods in large clusters. The pods, when young, are nearly round, of best flavor and are most excellent for snaps. One of the best and most profitable Beans for the market gardener, the pods being so showy and produced in great abundance.

**Scarlet Runner.** A favorite, both as a Snap Bean and for its flowers, which are of a bright scarlet. Small packet, 5c.

**Lazy Wife.** The pods are produced in great abundance and measure from 6 to 8 inches in length; they are broad, thick, very fleshy and entirely stringless. The pods retain their rich, tender and stringless qualities until nearly ripe, and are unsurpassed in all stages. Each pod contains 6 to 8 round, white Beans, which make excellent Winter shell Beans. They are late to mature, but are valuable to extend the season. This is an excellent Bean.

These prices, except for packets, do NOT include prepayment by mail; if wanted by mail, add 8c. to the pint and 15c. to the quart prices.

### ANY OF THE FOLLOWING, PER PKT., 10c.

	PT.	QT.	½ PK.	PK.	BU.
Early Golden Cluster Wax.....	20c.	35c.	\$1.10	\$2.00	\$7.50
Lazy Wife.....	20	35	1.10	2.00	7.50
Dutch Case-knife.....	15	30	.90	1.65	6.00
Horticultural Cranberry.....	15	30	.85	1.40	5.50
Kentucky Wonder.....	15	30	.95	1.75	6.50
Creaseback.....	15	30	.95	1.75	6.50
Scarlet Runner.....	20	35	1.10	2.00	.....
Burger's Stringless	} .....see Novelties				
Earliest Giant Advance }					



KENTUCKY WONDER OR OLD HOMESTEAD.

# BEANS

## BUSH OR SNAP

### Wax or Yellow-Pod Varieties

#### DAVIS WAX.

The vine is rustless and very vigorous, bearing next its center many clusters of handsome pods. The pods are long, often growing 7 or 8 inches in length, are straight and of a clear waxy white; in quality they are very brittle, crisp and tender. It is one of the best Snap Beans for shipping, and one of the best for canning. The dry Beans are kidney shaped, clear white, and excellent for baking. This Bean has the greatest value for either the market or the home garden.

#### WARDWELL'S KIDNEY WAX.

One of the earliest, hardest and most productive of all Wax Beans. It is nearly a week earlier than the Golden Wax, and yields one-third more, and it is almost entirely free from rust and spots. The pods are long and showy, very tender, stringless, and of excellent quality.

#### STRINGLESS REFUGEE WAX.

Of special value to market gardeners, as it is suitable for early or late sowing, and for a wet or dry season. If sown in Spring, it will give seed in time for a second crop in Fall. It is a perfect Refugee, with wax pods that are long, round and of a golden-yellow color, and an immense yield.

#### JONES' STRINGLESS WAX.

It is nearly a week earlier than any strain of Black Wax. The pods are long, perfectly round and exceptionally solid, of a delicate light yellow color, perfectly stringless, showing no coarseness even when past their prime; retains its brittleness and fine table quality when nearly matured.

**Pencil-Pod Wax.** An extremely good new Bean, being very early, very prolific and of excellent flavor. The pods are from 5 to 6 inches long, thick, fleshy, as round as a pencil and absolutely stringless. A beauty in shape and color of the true waxy type.

**Rustless Golden Wax.** Very early and productive; of excellent quality and entirely free from rust, besides being very crisp and tender. It keeps longer than any other after picking, which renders it valuable for distant shipping.

These prices, except for packets, do NOT include postage; if to go by mail, add 8 cents per pint or 15 cents per quart.

### ANY OF THE FOLLOWING, PER LARGE PKT., 10c.

		PT.	QT.	½ PK.	PK.	BU.
New Brittle Wax	.....see Novelties					
New Round Pod Kidney Wax }	.....see Novelties					
Valentine Wax.....		15c.	25c.	\$0.80	\$1.50	\$5.50
Davis Kidney Bean.....		15	30	1.00	1.85	7.00
Wardwell's Kidney Wax.....		15	30	1.00	1.85	7.00
Challenge Black Wax.....		15	25	1.00	1.75	6.50
Stringless Refugee Wax.....		15	25	.85	1.60	6.00
Saddleback Wax.....		15	30	1.00	1.75	6.50
Rustless Golden Wax.....		15	25	.85	1.60	6.00
Prolific German Black Wax.....		15	25	1.00	1.75	6.50
Golden-Eyed Wax.....		15	25	.85	1.60	6.00
Giant Yosemite Wax.....		20	35	1.15	2.00	.....
Detroit Wax.....		15	25	1.00	1.75	6.50
Improved Golden Wax.....		15	25	1.00	1.85	7.00
Pencil-Pod Wax.....		15	30	.95	1.75	6.50
Jones' Stringless Wax.....		15	30	.95	1.75	6.50
Flageolet Wax.....		15	25	.80	1.50	5.50

## Pole or Climbing Lima Beans

### FORD'S MAMMOTH POLE LIMA.

The largest and most productive Lima Bean. The pods of this most desirable Bean grow to an average length of eight inches and are produced in great clusters. The pods have from 5 to 7 Beans of excellent quality, both green and dry. It might be called the ever-bearer, as the pods are produced early at the bottom of the pole, and are continuously produced until the frost destroys the vines.

#### SIEBERT'S EARLY LIMA.

The vine is so productive that, although the pods rarely contain more than 4 Beans, the yield is enormous, and is produced from the very first to the last of the season. The green shelled beans are of immense size, and are tender and succulent. They shrink in drying to about the size of the Large White Lima. In earliness, ease of shelling, size, beauty and quality of the Green Beans, this variety is far in advance of all other sorts.

### KING OF THE GARDEN LIMA.

Finest stock for market gardeners. When not planted closely they set their pods early at the bottom of the pole, producing a continuous bloom and fruitage to the end of the season. The pods are of enormous size, many specimens measuring from 5 to 8 inches and producing up to 7 Beans to the pod, all perfectly formed and of superior quality.

### ANY OF THE FOLLOWING, PER LARGE PKT., 10c.

	PT.	QT.	½ PK.	PK.	BU.
Ford's Mammoth Lima.....	30c.	90c.	\$1.65	\$3.25	
Large Lima, selected seed.....	25	85	1.60	6.00	
Siebert's Early Lima.....	30	95	1.75	6.50	
Dreer's Improved or Challenger Lima.....	30	95	1.85	7.00	
"King of the Garden" Lima.....	30	90	1.65	6.25	
Extra Early Jersey Lima.....	30	95	1.85	7.00	





IMPROVED EARLIEST VALENTINE.

# BEANS

**Bush or Snap**

CULTURE: SEE "VAUGHAN'S VEGETABLE GARDEN."  
Ask for a copy. It is free to buyers of Vaughan's Seeds.

## Green Pod Varieties

### "BOUNTIFUL"

Absolutely Stringless. Extra Early. Tender, Large Podded and a Bountiful Yielder. An improved Long Yellow Six Weeks, being earlier, hardier and producing better and larger pods and more of them. It is a very desirable new bean, the pods being absolutely stringless, tender, of finest flavor and good appearance. It is equally valuable for the gardener and for the home garden.

### IMPROVED EARLIEST VALENTINE.

Our stock of this is extra choice. This variety is usually ready to pick in 34 days after planting. The pods are very thick and fleshy, of finest quality and unequalled in uniformity of ripening, which latter fact, combined with its earliness, makes it one of the most profitable sorts for the gardener.

**Mammoth Stringless Green Pod.** A mammoth podded selection from the original Stringless, not quite so early but more showy and possessing the good qualities of the parent.

**Longfellow.** The pods of this new Bean are about 6 inches long, pale soft green, straight and round, of delicious flavor; extremely early and a most abundant bearer.

**New French Forcing Bean. "Triumph of the Frames."** This is the best Bean for forcing under glass and equally desirable for out door planting, making delicious green "Haricots." The pods are long, slim and of best flavor.

These prices, except for packets, do NOT include postage; if wanted by mail, add 8 cents to the pint and 15 cents to the quart prices.

	PKT.	PT.	QT.	1/2 PK.	PK.	BU.
Imp. Earliest Valentine, 10 bu. \$35.00	10c.	12c.	20c.	60c.	\$1.10	\$4.00
Extra Early Refugee	10	12	20	60	1.10	4.00
Early Round-Pod Six Weeks	10	15	25	65	1.15	4.50
Stringless Green-Pod	10	15	25	75	1.20	4.50
Refugee or 1000 to 1, 10 bu. \$35.00	10	12	20	60	1.10	4.00
Early Mohawk	10	12	20	65	1.10	4.00
Long Yellow Six Weeks	10	12	20	60	1.10	4.00
White Marrow	10	12	20	55	.95	3.50
White Kidney	10	12	20	60	1.10	4.00
Dwarf Horticultural	10	12	20	65	1.15	4.50
English or Broad Windsor	10	15	25	..	..	..
Improved Navy	10	12	20	55	.95	3.50
Longfellow	10	15	25	75	1.35	5.00
Triumph of the Frames	10	20	40	..	..	..
Mammoth Stringless	10	15	25	65	1.15	4.50
Bountiful	10	15	25	75	1.35	5.00

Our "Packets" contain a very liberal amount of seed. The price of 10 cents includes postage. When purchased at our stores or sent by express, these packets contain more seed.



### STRINGLESS GREEN POD.

This excellent Bean produces a vine similar to Red Valentine, but develops pods to edible condition 2 to 3 days earlier than Valentine, that is to say in 30 to 31 days from germination. The pods are green, not quite so round as Valentine and less curved. The pods are absolutely stringless, breaking as short and free as pipe stems. This is undoubtedly the best of all Beans, and everybody should plant largely of it. Seed should be sown at intervals of 12 to 14 days, and as late as September. One quart is sufficient for a small kitchen garden.

## Bush Lima Beans

**DREER'S.** A dwarf variety of the Dreer's Improved Lima; very prolific, single plants often producing from 150 to 200 pods. The Beans grow close together in the pods, producing 3 to 4 and sometimes 5 in a pod, and are thick, sweet and succulent. Pkt., 10c.; pt., 20c. (postpaid 28c.); qt., 35c. (postpaid 50c.); 4 qts., \$1.25; pkt., \$2.40; bu., \$9.00.

**HENDERSON'S.** For convenience and practical use in the home garden it is a really good thing. It grows without the aid of poles, in compact bush form, about 18 inches high, is very productive and at least two weeks earlier than any of the Pole Limas. Bu., \$6.25; pk., \$1.65; qt., 25c. (postpaid, 40c.); pt., 15c. (postpaid, 23c.); pkt., 10c.

**BURPEE'S.** The true bush form of the old, large Lima Pole Bean. It grows vigorously to a height of 18 to 20 inches, forming a circular bush, 2 or 2 1/2 feet in diameter, requiring no poles or stakes, yielding from 50 to 150 fine pods, similar in size and quality to those grown on the large white Lima Bean. Bu., \$7.00; pk., \$1.85; 1/2 pk., \$1.00; qt., 30c. (postpaid, 45c.); pt., 15c. (postpaid 23c.); pkt., 10c.

**Wonder Bush Lima.** See Novelties.

**Special Offer No. 10.** (Order this way), 1 packet each of the above 3 Bush Limas, 25c.

**Special Offer No. 11.** (Order this way), 1 pint each of the above 3 Bush Limas, 45c. (postpaid, 65c.)

Add 8 cents per pint and 15 cents per quart to the prices on this page, if to go by mail. Packet prices include postage.

**WE KNOW BEANS** as well as other seeds, and we also know that Seeds have to be selected and bred with equal care and intelligence as does live stock. Our seeds are pedigreed and will produce the right kind; they are fresh, pure, and true to name.

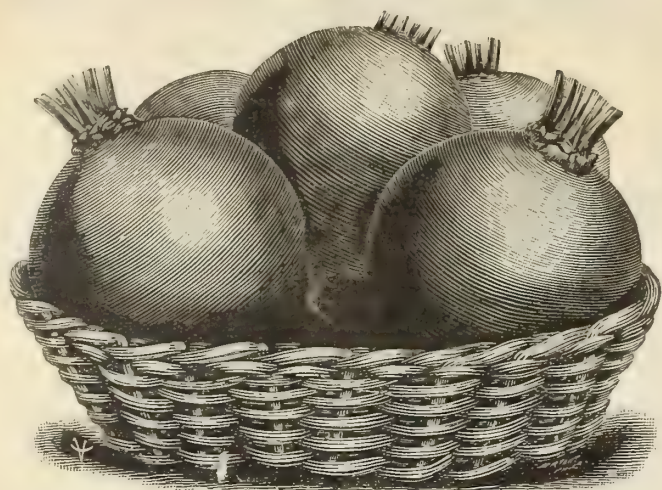
The Recollection of **QUALITY** Remains Long  
After **PRICE** is Forgotten.



BURPEE BUSH LIMA BEAN



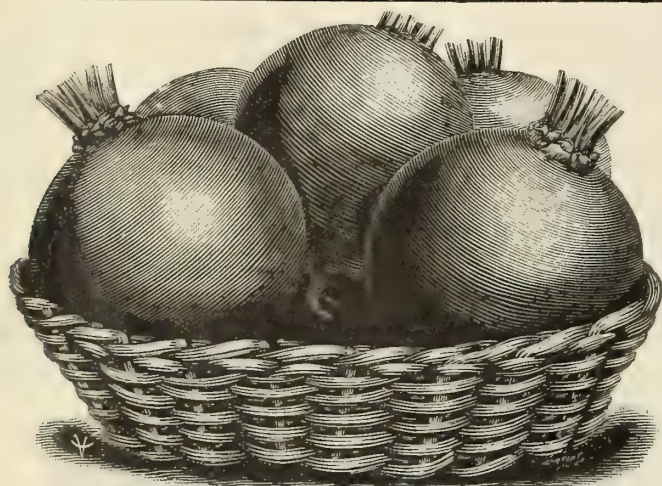
We pay postage or express charges on all seeds bought by the lb.,  $\frac{1}{4}$  lb., oz. or packet, except otherwise mentioned.



**CROSBY'S EGYPTIAN—Vaughan's Selected Stock.**

**THE EARLIEST BEET IN THE MARKET.**

A selection from that standard market Beet, Early Egyptian, which retains the earliness of the parent stock and has added thickness, giving it a more desirable shape. It is the deepest red, almost black in color, and is of finer quality than the Egyptian, being sweeter and even more tender and smoother. The most desirable sort for small beets for early market, as it is in presentable market shape quicker than any of the others. It is a very rapid grower and can be sown outside as late as July. Lb., 70c.;  $\frac{1}{4}$  lb., 25c.; 2 oz., 15c.; oz., 10c.; pkt., 5c.; 5 lbs., by express, \$2.75; 10 lbs., \$5.00.



DETROIT DARK RED TURNIP.

**Detroit Dark Red Turnip.** A grand beet for bunching for market; tops exceptionally small and upright; roots are perfect turnip shape with small tap roots. Color of skin dark blood red; flesh bright red. Quality is of the very best, sweet, tender and lasting. One of the best for the market gardener and the home garden. Lb., 75c.;  $\frac{1}{4}$  lb., 25c.; 2 oz., 15c.; oz., 10c.; pkt., 5c.; 5 lbs. by express, \$3.00.

**Improved Early Egyptian.** The best variety for forcing and excellent for first early crop out of doors, being very early, with small top. Roots very dark red, rounded on top, but flat beneath with very small tap roots; flesh dark red, zoned with lighter shade, hard, crisp and tender when young, but becoming woody with age. Our seed is a special selection of the darkest, earliest and most perfect roots with small tops. Pkt., 5c.; oz., 10c.; 2 oz., 15c.;  $\frac{1}{4}$  lb., 20c.; lb., 55c.; 5 lbs. by express, \$2.00.

**Early Eclipse.** Roots nearly globular, with a small tap root and very small collar. Flesh dark red, zoned with a lighter shade, very sweet, crisp and tender, especially when young. Pkt., 5c.; oz., 10c.; 2 oz., 15c.;  $\frac{1}{4}$  lb., 20c.; lb., 65c.; 5 lbs. by express, \$2.50; 10 lbs., \$4.50.

**Electric.** As early as Egyptian; this sort is well liked in the Eastern markets. It is almost round, leaves small, color very dark rich crimson, with rings of a lighter hue. Flavor delicate, rich and sugary. Pkt., 5c.; oz., 10c.; 2 oz., 15c.;  $\frac{1}{4}$  lb., 25c.; lb., 80c.

**Half Long Blood.** One of the best for winter use. The roots are only half as long as the Long Blood, but weigh as much on account of their thickness. They are always smooth and handsome, and their rich, dark red flesh is very sweet, crisp and tender, never becoming woody even in the exposed portions. Lb., 65c.;  $\frac{1}{4}$  lb., 20c.; 2 oz., 15c.; oz., 10c.; pkt., 5c.; 5 lbs. by express, \$2.50; 10 lbs., \$4.50.

How to grow Beets, see "Vaughan's Vegetable Garden." Free to buyers of Vaughan's Seeds. Ask for a copy when ordering.

## BEET

An ounce of Beet Seed is generally sufficient for a home garden. It requires from 5 to 6 lbs. to sow an acre.



**CRIMSON GLOBE.**

**A MONEY-MAKER FOR THE GARDENER AND UNEQUALLED FOR THE TABLE.**

An extremely handsome, early or main-crop variety, of medium size, almost globe shaped and entirely free from rootlets, leaving the skin entirely smooth. The roots average 10 inches in circumference, the foliage is small and of a rich bronzy purple. The flesh is a rich blood red, slightly zoned and of the finest quality, always sweet and tender, never stringy. Pkt., 5c.; oz., 10c.; 2 oz., 15c.;  $\frac{1}{4}$  lb., 25c.; lb., 75c., postpaid; by express, lb., 65c.; 5 lbs., \$3.00.

**Vaughan's Chicago Market.** A most perfect dark blood red kind. Even the leaves of every Beet are of the darkest glossy red, almost black. It is of turnip shape, first-class in size, smooth, with small tops and fine small tap root. We guarantee this to be the best of all the turnip-shaped Beets, the best of its sort in every way for main crop in market or home garden. An excellent keeper. Lb., \$1.00;  $\frac{1}{4}$  lb., 30c.; oz., 10c.; pkt., 5c.

**Long, Smooth Dark Blood.** We have an exceptionally good quality of this sort. Lb., 50c.;  $\frac{1}{4}$  lb., 15c.; oz., 10c.; pkt., 5c.; by express, 5 lbs., \$1.75; 10 lbs., \$3.25.

**Edmand's Early Blood Turnip.** The roots are of good form, round, with only one single small tap root; the flesh is of a deep blood red color, and very sweet and tender. They can be planted very closely, as they do not grow large and coarse, and have a very small top. It is one of the best for the market gardener and for table use. Lb., 60c.;  $\frac{1}{4}$  lb., 20c.; 2 oz., 15c.; oz., 10c.; pkt., 5c.; by express, 5 lbs. \$2.25; 10 lbs., \$4.00.

## Mangel Wurzels 4 to 6 lbs. are required per acre..

**Vaughan's Mammoth Long Red.** This is an enormously productive variety, yielding from 50 to 70 tons to the acre, a single root often weighing from 20 to 30 pounds. It is the best long red Mangel, and of the greatest value for stock feeding. It grows well above ground and is easily pulled. Our strain is an extra selection from the largest and thickest Mangels. Lb., 40c.;  $\frac{1}{4}$  lb., 15c.; oz., 5c.; 5 lbs., by express at buyer's expense, \$1.25.

**Giant Yellow Intermediate.** Root ovoid, intermediate between the long and globe varieties. Flesh white, firm and sweet, much liked by cattle. Lb., 40c.;  $\frac{1}{4}$  lb., 15c.; oz., 5c.; 5 lbs. by express at buyer's expense, \$1.20.

**Golden Tankard.** The best Yellow Mangel in Cultivation. A distinct and valuable yellow-fleshed variety, which contains a larger percentage of sugar and nutritive matter than any of the red-skinned sorts. It is more relished by milch cows and sheep than any other. In shape it is almost cylindrical. It is very easily pulled and is exceedingly hardy. Lb., 40c.;  $\frac{1}{4}$  lb., 15c.; oz., 5c.; 5 lbs. by express at buyer's expense, \$1.25.

**Champion Yellow Globe.** Lb., 40c.;  $\frac{1}{4}$  lb., 15c.; oz., 5c.; 5 lbs. by express, \$1.20.

## Sugar Beets

**Vilmorin's Imperial.** An improved French variety, exceedingly rich in sugar. Under average conditions it has yielded 14 tons of roots to the acre, containing about 16 per cent of sugar. Lb., 45c.;  $\frac{1}{4}$  lb., 15c.; oz., 5c.; 10 lbs. by express, \$2.75.

**Klein-Wanzleben.** This kind is cultivated on a larger scale than any other Sugar Beet. The root is conical, straight and even, quite large at the head and rapidly tapering. It is easy to dig, is a heavy yielder. Lb., 45c.;  $\frac{1}{4}$  lb., 15c.; oz., 5c.; 5 lbs., by express, \$1.25.

**Lane's Improved.** Lb., 40c.;  $\frac{1}{4}$  lb., 15c.; oz., 5c.; 5 lbs. by express, \$1.25.

**French Red Top Sugar.** Combines with heavy yield a good percentage of sugar. It is very hardy and productive, yielding about twenty tons to the acre. A most desirable sort for stock feeding. Lb., 40c.;  $\frac{1}{4}$  lb., 15c.; oz., 5c.; 10 lbs., by express, \$2.40.



Three Ounces  
of Seed to 100  
Yards.

# CARROTS.

Four Pounds  
to the Acre.

The prices on ounces,  $\frac{1}{4}$  pounds and pounds include postage; if to go by express deduct at the rate of 8 cents a pound from prices quoted. Note special cash discounts on large orders in front of book.

**VERY EARLY SCARLET FORCING.** (French Horn.) The Earliest and best Variety for Forcing. The reddish-orange colored roots are nearly round. When matured they are about two inches in diameter, but should be used before they are full-grown, when they are tender and delicious. Pkt. 5c.; oz. 10.; 2 oz. 15c.;  $\frac{1}{4}$  lb. 25c.; lb. \$1.00.

**EARLY SHORT SCARLET.** (Dutch Horn.) Larger than French Horn and almost as early, stump rooted, one and one-half inches thick and about three inches long, fine grained and sweet flavored. Color, rich deep orange; attractive for bunching; grows well in shallow soil. Pkt. 5c.; oz. 10c.; 2 oz. 15c.;  $\frac{1}{4}$  lb. 25c.; lb. 90c.

**GUERANDE, or OXHEART SELECTED STOCK.** A thick Carrot, 5 inches long and very blunt at the lower extremity. It grows very rapidly and the roots attain a weight of more than a pound. It is tender, of good flavor and of a deep red color, and is a variety we can recommend to all market gardeners. Pkt. 5c.; oz. 10c.; 2 oz. 15c.;  $\frac{1}{4}$  lb. 25c.; lb. \$1.00. postpaid; 5 lbs., by express, \$4.00.

**NANTES' HALF LONG, EARLY.** This is the sweetest of all Carrots, is of good shape and size. The leaves are fine, the roots are almost cylindrical, very smooth, and grow about 6 inches long; the flesh is entirely red, very sweet and almost entirely without a core. They are easily pulled and keep well. A most excellent sort. Pkt. 5c.; oz. 10c.; 2 oz. 15c.;  $\frac{1}{4}$  lb., 25c.; lb., 85c.

**EARLY CHANTENAY.** The Best Bunching Carrot. This is the best early Carrot in existence, one which market gardeners should plant for their main early crop. The Carrots grow about 6 inches long, are stump rooted, very smooth, deep red, fine grained, sweet and sugary, and not apt to crack open when growing. An excellent table sort, and a heavy cropper. Our seed is most carefully selected. Pkt. 5c.; oz. 10c.; 2 oz. 15c.;  $\frac{1}{4}$  lb. 25c.; lb. 95c., postpaid; 5 lbs., by express, \$5.00.

**VAUGHAN'S SELECT DANVERS.** The best Carrot for general crop; it is of rich orange color, a very heavy yielder and a splendid keeper. It is a first-class Carrot for all kinds of soils, and is valuable both for table use and for stock. We have an extra fine strain of this favorite sort, which we have sold for many years, and which has given the greatest satisfaction to our customers. Pkt. 10c.; oz. 15c.; 2 oz. 25c.;  $\frac{1}{4}$  lb. 40c.; lb. \$1.50, postpaid; 5 lbs., by express \$6.25.

**HALF LONG DANVERS.** This is a broad-shouldered Carrot, cylindrical in shape, stump rooted, of excellent color best flavor, and a most wonderful producer. Ready in about 65 days from the time of sowing. It is not only one of the best for the table, but owing to its shape, size and great yield and the fact that it is so easily harvested, one of the best for stock. Pkt. 5c.; oz. 10c.; 2 oz. 15c.;  $\frac{1}{4}$  lb. 25c.; lb. 85c.; by express, 5 lbs., \$3.25.

**LONG LEMON-COLORED STUMP-ROOTED.** This new Carrot is a real wonder, for while at maturity it is of large size so that it equals the stock Carrots in bulk of yield per acre, it is always as sweet as the Chantenay and at all times of its growth is in perfect condition for table use. It is of a beautiful lemon color, and stump-rooted. Pkt. 5c.; oz. 10c.;  $\frac{1}{4}$  lb. 25c.; lb. 85c., postpaid.

**IMPROVED LONG ORANGE.** A well-known sort, roots long, thickest near the crown, tapering regularly to a point, color deep orange. It is a good keeper of fine quality for winter use, and extensively grown for stock feeding. Pkt. 5c.; oz. 10c.; 2 oz. 15c.;  $\frac{1}{4}$  lb. 25c.; lb. 75c.; by express, 5 lbs., \$3.00.

## CARROTS FOR STOCK.

These are undoubtedly the most valuable of all the roots usually grown for stock. They are more nutritious than Turnips and nearly all animals like them and are benefited by them. The seed may be sown at any time in April and until the end of May. Sow from 4 to 6 pounds of seed to the acre.

**THE MASTODON.** This is the heaviest cropping Carrot grown, yielding more tons to the acre than any other sort. The flesh is white, solid, crisp and very sweet, the roots are short and very heavy at the shoulder, which allows them to be harvested very easily. They do not break easily in pulling or storing, owing to their solidity and shape. One of the most profitable Carrots; liked by both cattle and horses. Pkt. 5c.; oz. 10c.;  $\frac{1}{4}$  lb. 20c.; lb. 60c., postpaid; by express, 5 lbs., \$2.25.

**Long White Green Top Belgian and Large Orange Belgian.**

They grow about 20 inches long, partly above ground, and are enormously productive, keep well and are very nutritious. Pkt. 5c.; oz. 10c.;  $\frac{1}{4}$  lb. 20c.; lb. 55c., postpaid; by express, 5 lbs., \$2.00.

**Remember:** Our prices on single pounds include postage. If sent by freight or express (which always means at buyers' expense) deduct 8c. per pound from above single pound rates.

**How to Grow Carrots**—See "Vaughan's Vegetable Garden." Ask for a copy, it is free to buyers of Vaughan's Seeds.

**CARROTS** require a deep, well-worked soil. For home use and early bunching the Chantenay, Nantes and Oxheart are the best; for general crop, our Select Danvers; while for feeding, the Belgian and Mastodon yield the largest crops. It is necessary to thin and weed Carrots early. Avoid weedy stable manure, but use Vaughan's High-Grade Truck Manure for best results.



GUERANDE OR OXHEART.



EARLY CHANTENAY—THE BEST FOR BUNCHING.



VAUGHAN'S SELECT DANVERS—THE BEST FOR GENERAL CROP.



IMPROVED LONG ORANGE.





### EARLY JERSEY WAKEFIELD.

#### VAUGHAN'S SELECTED.

The best early Cabbage in cultivation. It forms fine solid heads of good size, conical in shape, with very few outside leaves, and of the best quality. We offer this as the earliest strain of this standard variety. Grown only from selected heads. Our strain is remarkably pure; warranted to give satisfaction. Lb., \$3.00; ¼ lb., 80c.; oz., 30c.; ½ oz., 20c.; pkt., 10c.

### LARGE JERSEY OR CHARLESTON WAKEFIELD.

This sort forms uniform solid heads, considerably larger than the Early Wakefield and matures only a few days later; on clay ground, it will mature just as early. Largely planted by gardeners in the South. Lb., \$2.60; ¼ lb., 70c.; oz., 20c.; ½ oz., 12c.; pkt., 5c.

**Early Jersey Wakefield.** Imported Seed. Lb., \$2.00; ¼ lb., 60c.; oz., 20c.; pkt., 5c.

**Early York.** Heads small, heart-shaped, firm and tender. Can be planted 15 to 18 inches apart. Lb., \$1.60; ¼ lb., 45c.; 2 ozs., 25c.; oz., 15c.; pkt., 5c.



**Sure Head.** This sort produces large, round, flattened heads which are of uniform size, very hard and of fine texture, and weighs from 10 to 15 pounds. It is a good keeper and shipper, of fine quality and certain to head, even in the most unfavorable seasons. A general favorite with gardeners or large growers. Lb., \$2.25; ¼ lb., 65c.; 2 ozs., 40c.; oz., 25c.; pkt., 5c.

**Early Summer.** The seed we offer has been selected with special care from heads of even size, large, solid and of good texture, and we know that our seed gives entire satisfaction, being a special market gardeners' strain. Lb., \$2.10; ¼ lb., 60c.; oz., 20c.; ½ oz., 12c.; pkt., 5c.

# CABBAGE

Vaughan's Sure Heading Seed.

Our Prices include Postage; if to go by Express, deduct 8c. per pound.

### 20th CENTURY CABBAGE.

Extra Early. This new variety comes from Denmark, the home of the famous Danish Ballhead Winter Cabbage. The heads are round and solid as a cannon ball and earlier than any other sort. It grows more compactly, thus yielding a much larger crop than either Wakefield or Winnigstadt. For garden or market use it is unexcelled. Pkt., 10c.; ¼ oz., 25c.; oz., 40c.; ½ lb., \$1.25; lb., \$4.00.

**"EARLY SPRING"** The Earliest Flat Headed Variety. It is of the type of the Early "Allhead," resembling it in habit of growth, but is smaller and is nearly as early as the Wakefield. The heads have few outside leaves and these are small and grow so close to the head that they can be planted very close together. It is round in shape, slightly flattened, very solid, even before the Cabbages attain their mature size. It is a good "seller," round Cabbages receiving always the preference if offered in competition with pointed heads. Lb., \$2.25; ¼ lb., 60c.; 2 oz., 35c.; oz., 20c.; ½ oz., 12c.; pkt., 5c.



EARLY SPRING.

### EXTRA EARLY EXPRESS.

An extra early sort, in which the plants are compact, with round, thick leaves, that form an oval head, which is astonishingly large for the size of the plants. The heads are comparatively thicker and less pointed than those of the Jersey Wakefield, and are only slightly later than those of that sort. Lb., \$2.25; ¼ lb., 75c.; 2 oz., 40c.; oz., 25c.; pkt., 5c.

### EARLIEST ETAMPES.

Similar to Jersey Wakefield. The heads are fully as large, not quite so hard, but are of excellent quality. Sold also as "Earliest of All," "Wonderful," etc. Lb., \$1.75; ¼ lb., 50c.; oz., 15c.; pkt., 5c.

**Early Flat Dutch.** A remarkably fine strain; a sure header, the heads weighing from ten to twelve pounds, are of even size, solid and of good flavor. They mature about as early as Early Summer and stand long without bursting. This is one of the best of the second early kind. Lb., \$1.85; ¼ lb., 55c.; oz., 20c.; ½ oz., 12c.; pkt., 5c.

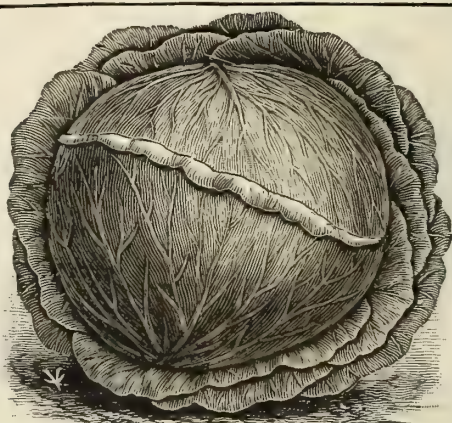


### VAUGHAN'S VANDERGAW OR ALL SEASONS.

One of the best sorts for the market gardener, as it forms large, solid heads, much larger than the Early Summer and almost as early, while planted later, it makes a first class Fall and Winter sort. One of its main qualities is its almost absolute certainty to head. Lb., \$2.25; ¼ lb., 60c.; oz., 20c.; ½ oz., 12c.; pkt., 5c. By Express, 5 lbs., \$9.00.

### Fottler's Improved Brunswick.

An extra fine strain with very uniform, large, solid heads. Always sure to head. Lb., \$1.75; ¼ lb., 50c.; oz., 20c.; ½ oz., 12c.; pkt., 5c. By express: 5 lbs., \$8.00; 10 lbs., \$15.00.



### Early "Allhead" or Faultless.

Our seed is grown on Long Island by the originator. If a gardener or amateur were to plant but one variety of Cabbage he could get none that would answer all purposes as well as the Early "Allhead." For uniformity, reliability of heading, size, earliness and quality, it has no equal. It is also very profitable, since the outer leaves are so few, a close planting can be made, and 1,000 more cabbages per acre be grown than from seed of other sorts. 5 lbs. (by express) \$11.00; per lb., \$2.50; ¼ lb., 65c.; 2 oz., 40c.; oz., 25c.; ½ oz., 15c.; pkt., 5c.; postpaid.

**Early Winnigstadt.** One of the best for general use, being very hardy and sure to head. It seems to suffer less from the cabbage worm than any other sort. Heads regular, conical, very hard and keep well both Summer and Winter. Lb., \$1.50; ¼ lb., 45c.; oz., 15c.; pkt., 5c.

**Filderkraut.** Similar to Winnigstadt, but larger, more pointed and with fewer outer leaves. Highly esteemed for making kraut. Good either for first or second crop. Lb., \$1.80; ¼ lb., 50c.; oz., 15c.; pkt., 5c.

### LOUDERBACK'S ALL YEAR ROUND CABBAGE.

This Cabbage originated with Daniel Louderback, one of the oldest and most successful of Philadelphia market gardeners; has for many years been the standard early round-headed Cabbage with Philadelphia Market Gardeners, who prefer it to Early Summer and similar sorts. It is not only the finest early Drumhead in cultivation, but is equally as good for second and third early, intermediate and late. The heads are large, compact and solid, with very short stem and few outer leaves, and unflagging under the hottest sun or heaviest frost. It may be sown successfully and continuously during all periods when Cabbage is planted. Lb., \$2.50; ¼ lb., 70c.; 2 ozs., 40c.; oz., 25c.; ½ oz., 15c.; pkt., 5c.





VAUGHAN'S IMPROVED LATE PREMIUM FLAT DUTCH

# CABBAGE

Vaughan's 3 3  
Sure-Heading

## VAUGHAN'S PREMIUM FLAT DUTCH.

We recommend this sort for markets that require a large very solid head. No Cabbage is so universally grown as this, because the seed may be sown in the open ground, and the young plants raised without the use of hot-beds—hence it is a universal favorite for general use. For heading, evenness of crop and size our strain of this cannot be surpassed. **Lb., \$2.00; ¼ lb., 60c.; 2 oz., 35c.; oz., 20c.; ½ oz., 12c.; pkt., 5c.** By express, 5 lbs., \$9.00; 10 lbs., \$16.00.

## DUTCH WINTER OR HOLLANDER.

The best Cabbage for late spring sales and for shipping. This has become known in the past eight years as the most reliable Cabbage for the shipping trade and has been almost universally used in districts famous for Cabbage growing, such as Racine, Wis., Central New York, Michigan districts and others. The heads are of medium size, averaging about 8 lbs., and are very solid, and in their fine white color entirely distinct from other strains. While the quality is good they are uniformly excellent keepers, the heads being often just as solid and perfect when taken out in the Spring as when put away in the Fall. No Cabbage will sell against it. **Dutch Winter or Hollander Cabbage, Vaughan's Extra Selected Stock—Lb., \$2.60; ¼ lb., 75c.; 2 oz., 40c.; oz., 25c.; ½ oz., 15c.; pkt., 10c.** By express, 5 lbs., \$10.00; 10 lbs., \$18.75.

## DANISH BALL-HEAD CABBAGE.

Genuine Seed grown by originator in Denmark. It thrives well on thin soils and in highly exposed situations. The heads are of good marketable size, not quite so large as Flat Dutch, but very hard, round, fine-grained, and will weigh one-fourth more than other varieties of equal size. This splendid shipping Cabbage is also sold under the name of "Solid Emperor" or "German Export." Our strain of this is unexcelled—the best to be had, imported direct from Denmark. It is one of the few imported kinds that will produce solid heads that keep through the Winter. **Lb., \$3.00; ¼ lb., 85c.; 2 oz., 50c.; oz., 30c.; ½ oz., 15c.; pkt., 10c.; 5 lbs., \$13.00; 10 lbs., \$25.00.**

## LOUISVILLE DRUMHEAD.

A strong and vigorous, but not coarse growing sort of Flat Dutch type. Plants short stemmed and compact, with broad, well rounded, large leaves, very full at base. Head semi-flat, thick and of good quality. **Pkt., 5c.; oz., 25c.; 2 oz., 40c.; ¼ lb., 75c.; lb., \$2.50.**



DANISH BALL-HEAD.

## LUXEMBURG, OR HARD HEAD.

Makes a good sized hard head, very heavy, and has remarkable keeping qualities for burying over Winter. Very profitable for late Spring sales after other sorts are gone, often bringing high prices. Always attracting buyers by its fresh green color, size and quality. It is undoubtedly one of the most profitable kinds for every gardener who winters Cabbage. The plants are very hardy, standing transplanting and long continued dry weather better than most sorts. **Lb., \$2.60; ¼ lb., 70c.; oz., 25c.; ½ oz., 15c.; pkt., 10c.** By express, 5 lbs., \$10.00; 10 lbs., \$18.50.

**THE HOUSER.** The heads are large, weighing on an average, 10 to 12 lbs. They grow so compact and free from spreading leaves that fully 500 more heads can be obtained to the acre than with other Cabbages, and in solidity cannot be excelled. Heads measuring 36 in. in circumference had hearts measuring only 2 in. This late Cabbage is perfect in every respect as to size, weight, quality, sure-heading, smallness of heart and long-keeping. **Lb., \$5.00; ¼ lb., \$1.40; 2 oz., 80c.; oz., 50c.; ½ oz., 30c.; pkt., 10c.**

**THE LUPTON.** The heads are particularly large in proportion to the plant, which is a strong grower, but does not spread out much. It is one of the best keepers and comes out in the spring bright and fresh. It is more uniform and heads better than other late varieties. Our seed is grown by the originator, and will produce Cabbage of the highest type that can be obtained from this new sort. **Per lb., \$2.00; ¼ lb., 60c.; oz., 20c.; ½ oz., 12c.; pkt., 5c.**

**Succession.** Lb., \$2.25; ¼ lb., 60c.; oz., 20c.; ½ oz., 12c.; pkt., 5c.

**Improved Stonemason.** A large solid late Drumhead, very popular and much used in Boston. **Lb., \$2.25; ¼ lb., 60c.; oz., 20c.; pkt., 5c.**

**Marblehead Mammoth Drumhead.** Late; the largest Cabbage grown and for that reason deservedly popular with market gardeners. **Lb., \$2.25; ¼ lb., 60c.; oz., 20c.; pkt., 5c.**

**Large Late American Drumhead.** A specially selected strain of this standard variety for the main crop. It is productive and of best quality, and finds a ready sale. **Lb., \$1.85; ¼ lb., 50c.; oz., 15c.; pkt., 5c.**

**Autumn King.** Lb., \$2.00; ¼ lb., 60c.; oz., 20c.; ½ oz., 12c.; pkt., 5c.

**VAUGHAN'S BRIDGEPORT.** One of the best shipping varieties, and famous ten to twenty years ago, when the Bridgeport-Chicago district supplied most of the Cabbage for southern shipments. It makes large, round, solid heads which very seldom burst or rot. Our seed of this is purchased from the stock seed of the original strain and can be relied upon to produce the largest, hardest and in every way most perfect heads. **Prices: Lb., \$2.50; ¼ lb., 70c.; 2 oz., 45c.; oz., 25c.; ½ oz., 15c.; pkt., 10c.** By express, 5 lbs., \$11.00; 10 lbs., \$20.00.



VAUGHAN'S BRIDGEPORT DRUMHEAD.

## TESTIMONIALS

KANE CO., ILL.—The Potatoes, New White Ohio, were fine. They were about a week earlier than Improved Early Ohio. They are all of large size and the yield was very good. I am saving all of mine for seed.  
MR. PETER SMITH.

MENARD CO., ILL.—Have had splendid success with all seeds and especially the Icicle Radish. It is all that is claimed for it and more. It is the best Radish I have ever grown, being perfect in taste, color and size.  
H. A. TURNER.

SAC CO., IOWA.—The Ohio Yellow Globe Onions were fine and grew to enormous size. Some of them measured 4½ inches through and were a perfect round ball. I shall always sow some of these Onions.  
O. J. BEDARD.



## Red Cabbages

**Mammoth Rock Red.** This is the best, largest and surest heading Red Cabbage ever introduced. Heads deep red to the center, and will frequently average 12 inches. A sure cropper, and in every way a first-class sort. Lb., \$2.25; ¼ lb., 65c; oz., 25c; ½ oz., 15c; pkt., 5c.

**Extra Early Dark Red Erfurt.**

¼ lb., 60c; oz., 20c; ½ oz., 12c; pkt., 5c.

**Dark Red Dutch.** Lb., \$1.70; ¼ lb., 50c; oz., 20c; ½ oz., 12c; pkt., 5c.

**Red Drumhead.** The best for field culture and an excellent keeper. Lb., \$1.70; ¼ lb., 50c; oz., 20c; ½ oz., 12c; pkt., 5c.

**Giant Red Erfurt.** Very deep red and hard as a rock. Lb., \$2.00; ¼ lb., 60c; oz., 20c; ½ oz., 12c; pkt., 5c.

**CABBAGE PLANTS.** We grow these in large quantities and can furnish them at lowest rates. For prices see "Vegetable Plants" in the back of this book. (See Index.)



MARVIN'S SAVOY CABBAGE.

## Savoy Cabbages

SEE ALSO NOVELTIES

These Cabbages have a delicate Cauliflower-like flavor, and as they become better known in this country, are growing rapidly in favor with discriminating buyers.

**De Vertus.** One of the largest of its kind. Lb., \$2.00; ¼ lb., 60c; oz., 20c; ½ oz., 12c; pkt., 5c.

**Small Early Ulm Savoy.** Pound. \$1.60; ¼ lb., 45c; oz., 15c; ½ oz., 10c; pkt., 5c.

**Marvin's Savoy.** This is not only very large and solid, but very curly, and will give from 90 to 95 per cent of good heads in every field. Lb., \$2.25; ¼ lb., 60c; oz., 20c; ½ oz., 12c; pkt., 5c.

**USE SLUG SHOT** for Cabbage Worms. It kills them. Lb., 10c; 5 lbs., 30c; 10 lbs., 50c, by express.

## Cauliflower

**Vaughan's Earliest Dwarf Erfurt.**

The very best for forcing and earliest in open ground.

Cauliflower seed should be thoroughbred. Erfurt best strains have a fifty-year pedigree. Some are so high bred that with perfection in bloom comes weak constitution. Such plants do not average a good seed crop once in three years; hence the best is dear and scarce. Vaughan's Earliest Dwarf Erfurt combines all pedigree points, earliness, purity of color, dwarf habit, fine grain. This seed will produce Cauliflowers worth the highest market price. It cannot be sold cheap for above reasons, but the shrewdest gardeners find it the most profitable. Lb., \$30.00; ¼ lb., \$8.50; 2 oz., \$4.50; oz., \$2.50; ½ oz., 75c; pkt., 25c.

**DANISH SNOWBALL.**

Our Danish Snowball is a grand second early. It is the result of long, careful selection and uniformly produces even, regular heads. Through many seasons it has proved itself reliable and gardeners can trust it every time. Lb., \$20.00; ¼ lb., \$5.00; 2 oz., \$2.75; oz., \$1.50; ½ oz., 40c; pkt., 10c; 3 pkt. for 25c.

**Extra Early, or Second Erfurt.** A very fine strain, producing large, white, firm heads; close and of excellent quality. It is dwarf, extra early and always certain to head; for early or late. We sell this largely to gardeners, who prefer it to Snowball. ¼ lb., \$6.00; oz., \$1.75; ½ oz., 50c; pkt., 10c.

**Large Early Erfurt.** This is a vigorous growing variety with large, white, firm heads. It is the very best sort for a second crop. ¼ lb., \$2.50; oz., 75c; ½ oz., 40c; pkt., 10c.

**EXTRA EARLY PARIS.** Lb., \$6.00; ¼ lb., \$1.50; oz., 50c; ½ oz., 25c; pkt., 5c.

**HALF EARLY PARIS.** Oz., 50c; ½ oz., 25c; pkt., 5c.

**LENORMAND'S SHORT STEMS.** ¼ lb., \$1.80; oz., 50c; pkt., 5c.

**AUTUMN GIANT.** Well protected by foliage. ¼ lb., \$1.00; oz., 30c; pkt., 5c.

**ALGIBERS.** One of the largest and best for late. ¼ lb., \$3.00; oz., 80c; ½ oz., 40c; pkt., 10c.



The Best for Early and Late Summer and Fall Crops. ✱

Always Sure to Make a Solid White Head. ✱ ✱ ✱

### Vaughan's Early Snowball Cauliflower

We know of no better type of this variety—very early, smoothly rounded heads, fine grained, compact, even in size. While a first early, is better adapted generally to Fall use than the large late sorts so often grown for that purpose. We stake our reputation on its merits against all comers. All we want is that our customers try it—every one who uses Cauliflower, according to his needs—from packets to pounds. It will give satisfaction by the dozen plants or in a dozen acres. The habit of the plant is close growing and compact, and plants can be set closely together, from 18 to 21 inches. "Every plant," says our grower, "which did not produce a perfect head was discarded when selecting our stock plants for seed." Our customers have found it, by careful tests, fully equal to the best Cauliflower which they have ever grown, and our Chicago Market Gardeners, who plant extensively every year, place their orders now in advance. "Vaughan's New Snowball" is put up in packages as follows: Pkts., ¼ oz., ½ oz., 1 oz., and ¼ lb., sealed with our trade mark and with distinctive paper and printing. Price, pkt., 25c; ¼ oz., 85c; ½ oz., \$1.50; oz., \$3.00; 2 oz., \$5.25; ¼ lb., \$10.00; lb., \$35.00.

The seed of this Cauliflower was saved with the greatest care and only from perfectly developed heads which yield but little seed. "Cheap" Cauliflower seed is a very poor investment because it cannot be good

Cauliflower seed is probably the most important and critical of the entire vegetable family. No gardener can afford to plant doubtful stock at any price. Our Cauliflower seed is proven, for in many cases we can furnish stock of the previous season which has been tried for quality and therefore must be good.

GUERNSEY CO., OHIO.—The Golden Heart Celery is the finest that I have ever seen. Grows very large, is crisp and easily bleached. The White Mountain Potato and the White Ohio are simply grand; grows large and smooth and are both good yielding. I raised four times the amount of potatoes from the same amount of ground this year that my neighbors did from home grown seed of the Early Rose. MR. W. H. CRAWFORD.





WHITE PLUME—VAUGHAN'S SELECTED STOCK.



GOLDEN SELF-BLANCHING.

# CELERY

See Also Novelties

## VAUGHAN'S GIANT GOLDEN HEART.

The best Celery for Winter storage. Ever since we introduced this Celery it has gained in public favor and rightly so, for it is not only the best keeper, but it is large, solid, as sweet as a walnut and of a beautiful golden color. It is a selection from the Dwarf Golden Heart, grows much larger than its parent, but otherwise possesses all its excellent qualities. We strongly recommend it to gardeners as well as to private planters. Lb., \$2.65; ¼ lb., 75c; 2 ozs., 40c; oz., 25c; ½ oz., 15c; pkt., 10c.

## WHITE PLUME, SELF-BLANCHING.

Vaughan's selected stock. This sort is too widely known to require an extended description. We will only say that we have not yet found a Celery that is as early and of as good a flavor, as crisp and tender as our selection of this sort. We sell every year large quantities of this seed to market gardeners, who find it uniformly white and free from green or hollow stalks. It is not a good keeper, but it is excellent for Fall and early Winter use. Lb., \$2.10; ¼ lb., 60c; 2 ozs., 35c; oz., 20c; ½ oz., 12c; pkt., 5c. By express, 3 lbs., \$5.00; 5 lbs., \$8.00.

## GOLDEN SELF-BLANCHING.

This is the Best Celery for Early Use. This variety is now the leading sort in all markets as an early Celery. The stalks are much broader and heavier than those of the White Plume, and greatly superior in quality. It is ready for use nearly as early, producing dwarfer and much larger bunches of broad, heavy stalks, blanching to a deep golden yellow. The handsome color, crispness, tenderness, freedom from stringiness and nutty flavor of this variety make it only necessary to be tried in order to establish it as the standard of excellence as an early sort. We can furnish a limited amount of seed grown by the introducers in Paris, while our American stock is grown from the above strain, selected and reselected for years with the utmost care, and same can be thoroughly depended upon to be as good as any strain in the market. French Grown Stock: Lb., \$4.00; ¼ lb., \$1.20; 2 ozs., 70c; oz., 40c; ½ oz., 20c; pkt., 10c. American Grown Stock: Lb., \$3.25; ¼ lb., 90c; 2 ozs., 50c; oz., 30c; ½ oz., 15c; pkt., 5c.

## GIANT PASCAL.

One the best for Fall and Winter use. It is a selection from the Golden Self-Blanching, and adds to the general good qualities of its parent superior keeping qualities. The stalks are very large, solid, crisp and of a rich nutty flavor, free from any trace of bitterness; it blanches very easily and quickly, and retains its freshness a long time after being marketed. The heart is golden yellow, very attractive. Lb., \$1.75; ¼ lb., 60c; 2 ozs., 35c; oz., 20c; ½ oz., 12c; pkt., 5c.

## PINK PLUME.

The stalks are of clear, creamy white, shaded with a beautiful delicate pink. The foliage is white, like the White Plume, and the plants bleach naturally. It has the long keeping qualities for which red celeries are noticeable, also that sweet, nutty flavor, and the faint tint of pink makes it wonderfully attractive. It has no tendency to rust and matures and blanches as early as White Plume. Lb., \$1.60; ¼ lb., 50c; 2 ozs., 25c; oz., 15c; ½ oz., 10c; pkt., 5c.

## Rose-Ribbed Paris Self-Blanching.

This superb Celery, when ready for the table, is of a beautiful, light golden-yellow color, very distinctly streaked with pink. It is a sport of the Golden Self-Blanching and possesses all the good points of its parent. It stands unrivaled among Celeries in points of quality and beauty. It is unequaled in flavor by any other variety grown. It is easily grown and may be blanched by a single light hilling, and it is a splendid keeper. There can be no mistake made in planting this handsome and altogether excellent Celery. Lb., \$2.00; ¼ lb., 60c; 2 ozs., 35c; oz., 20c; ½ oz., 12c; pkt., 5c.

## EVANS' TRIUMPH.

One of the best late sorts. Of excellent quality and one of the best keepers, remaining in condition much longer than most sorts. Its stalks are very large, solid, of finest texture and quality; crisp and tender and real nut-like flavor. Lb., \$2.00; ¼ lb., 60c; 2 ozs., 35c; oz., 20c; pkt., 5c.

**Well-Known Standard Sorts.** We furnish the following at the uniform price of Lb., \$1.50; ¼ lb., 40c; 2 ozs., 25c; oz., 15c; ½ oz., 10c; pkt., 5c. Dwarf Golden Heart, Perfection Heartwell, Boston Market, Crawford's Half Dwarf, Solid Ivory or Kalamazoo, The Schumacher.

## Giant Prague Celeriac.

### Prager Riesen Sellerie.

This is unquestionably the largest and best Celeriac in existence. The roots are very large, twice as large as the Erfurt, almost globe shaped, smooth, with only a few roots at the bottom. Flavor is excellent. Lb., \$1.50; ¼ lb., 50c; oz., 15c; ½ oz., 10c; pkt., 5c.



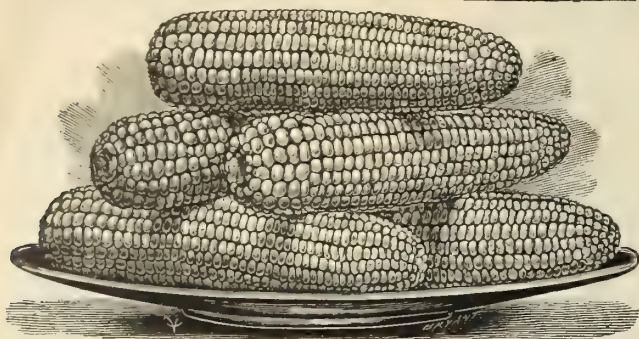
GIANT PRAGUE CELERIAC.

## VAUGHAN'S CELERY MANUAL.

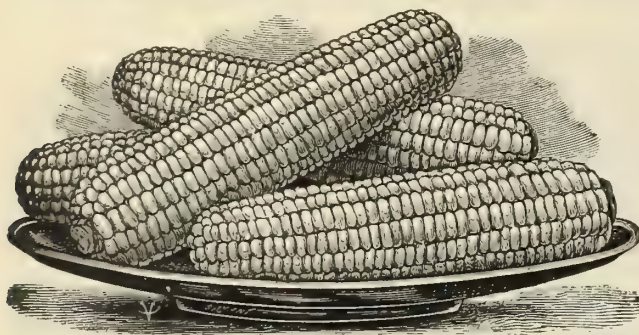
The only practical and complete guide to Celery culture ever published. By a practical grower of 20 years' experience; revised and published by J.C. Vaughan. Price, postpaid, 50 cents. This treatise will be sent free with a Celery Seed order of \$3.00, or with any general order for other seeds amounting to \$5.00, if requested.



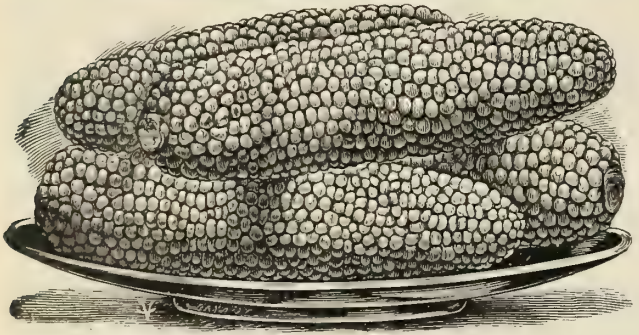
**CULTURE:**—See "VAUGHAN'S VEGETABLE GARDEN," a copy of which is free to buyers of Vaughan's Seeds—ask for it. Price to others, ten cents.



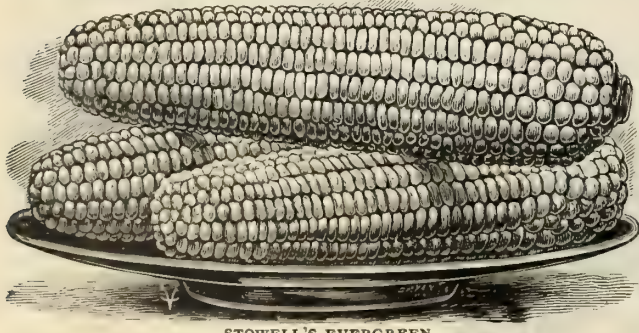
MAMMOTH WHITE CORY.



### IMPROVED EARLY CHAMPION.



COUNTRY GENTLEMAN.



STOWELL'S EVERGREEN.

## THE THREE BEST SWEET CORN FOR SUCCESSION

**SPECIAL OFFER:**

**MAMMOTH WHITE CORY  
EARLY CHAMPION  
STOWELL'S EVERGREEN**

	By Mail, Postpaid.	At Buyer's Expense.
One packet each of the three kinds.....	<b>\$0.25</b>	<b>\$0.20</b>
"                "                "                "	.45	.30
One quart                "                "                "	.80	.50
One half pk.            "                "                "	.....	1.50
One peck                "                "                "	.....	2.70
One bushel             "                "                "	.....	10.50

To secure a more complete succession we consider, besides the above three kinds, the Black Mexican, Old Colony or Country Gentleman the most suitable sorts.

# Sweet Corn

**Vaughan's  
Extra  
Selected**

MAMMOTH WHITE CORY

One of the largest and best extra early varieties. Each stalk furnishes two or more large, fine shaped ears, which are fit for use before those of any other sort. The ears are twelve-rowed, very symmetrical and handsome, with no opening between the rows at the base. The grain is large, broad, very white and of remarkably good quality for such an early sort. The size and beauty of this variety give it ready sale even when the market is over-stocked.

## IMPROVED EARLY CHAMPION

**The Earliest Large Sweet Corn.** Produces ears 12 inches long in 60 days. This new variety is without question the earliest large Sweet Corn yet introduced, being only a few days later than the first early small sorts. Ears nearly as large as the Mammoth, 12-rowed; pure white kernels, with medium sized white cob; very sweet, tender and full of milk, yielding two and three ears to the stalk. The best kind for early and late planting.

## EARLY EVERGREEN

The ears of this new corn grow 8 inches long, are mostly 14 to 18 rows. This is a magnificent kind for market gardeners and for main crop in every home garden. It ripens 10 to 12 days in advance of Stowell's Evergreen and is equally as good for all purposes. The kernels are very sweet and tender, and when eaten from the cob break off free from husky tips so common to some otherwise fine table corns. Remaining green a long time, two plantings will extend the season until frost.

## COUNTRY GENTLEMAN

**One of the Sweetest of all Sweet Corns** and also one of the most productive sorts, the stalks averaging three ears, sometimes as many as five; kernels and cobs are pure white; cob small, kernels deep, ears average 9 inches in length. The only fault that we can find with this kind is that the skin of the kernels is rather thick and somewhat tough.

## STOWELL'S EVERGREEN

**The Best Late Sweet Corn in Every Way.** Being large eared, hardy and productive, sweet and tender, and remaining a long time in condition suitable for cooking, there is no other late Sweet Corn which can compare with it. Our seed being most carefully selected for depth of kernel, size of ears and freedom from flint and glaze, we know that it will give entire satisfaction.

## VAUGHAN'S BLACK SUGAR

**Eastern Grown.** The Black Sugar is a selection from the old Mexican, long a favorite wherever known, because of its remarkable sweetness. To increase its desirability for the home garden, our grower has made for us a selection of the earliest maturing ears. In this we have a medium early, which will produce the sweetest and most delicious table corn, following right after the Cory and the Champion and continuing by successive planting the whole Summer and Autumn. **Pkt., 15c.; pt., 20c.; qt., 30c.; ½ pk., 80c.; pk., \$1.50.** If by mail add postage.

## METROPOLITAN

A new early sort, only a few days later than Cory. The ears are about 9 inches in length, 10 to 12 rowed, well filled to the tip with large, deep kernels, which are **very sweet and tender**; in fact, possess that richness found in the later and larger kinds. It is an excellent variety for market gardeners as well, on account of its size, earliness, productiveness and quality.

## Our Sweet Corn Prices

on packets only include postage, all the other prices are net. If to go by mail add 5 cents to the pint prices and 10 cents per quart for postage.

	Pkt.	Pt.	Qt.	½ Pk.	Pk.	Bu.
Peep O' Day, earliest of all; crop, very short.....	\$0.10	\$0.15	\$0.30	\$0.85	\$1.40	\$....
Premo, a new extra early.....	.10	.15	.25	.70	1.40	
Oakview Early Market, see novelties.....	.10	.15	.25	.70	1.40	
Mammoth White Cory.....	.10	.12	.20	.60	1.00	4.00
Early Cory or First of All.....	.10	.12	.20	.60	1.10	4.00
Improved Early Champion.....	.10	.12	.20	.60	1.00	3.75
Perry's Hybrid.....	.10	.12	.20	.60	1.00	3.75
Metropolitan.....	.10	.12	.20	.60	1.10	4.00
Adam's Early.....	.05	.10	.15	.40	.80	3.00
Early Minnesota.....	.05	.12	.20	.60	1.00	3.75
Chicago Market.....	.05	.12	.20	.60	1.00	3.75
Early Crosby.....	.05	.12	.20	.60	1.00	3.75
Early Evergreen.....	.10	.12	.20	.60	1.00	4.00
Moore's Early Concord.....	.10	.12	.20	.60	1.00	3.50
Old Colony.....	.10	.12	.20	.60	1.00	4.00
Country Gentleman.....	.10	.12	.25	.70	1.20	4.50
Black Mexican.....	.10	.12	.20	.60	1.00	4.00
Hickox.....	.10	.12	.20	.60	1.25	4.50
Late Mammoth.....	.10	.12	.20	.60	1.25	4.50
Zig Zag Evergreen, sim. to Country Gentleman,	.10	.12	.20	.60	1.00	3.75
Stowell's Evergreen, Eastern.....	.10	.15	.25	.75	1.25	4.50
Stowell's Evergreen, Western.....	.05	.12	.20	.60	1.10	4.00
Sweet Fodder Corn.....				.45	.80	3.00

**Please bear in mind that "cheap seed" may be very dear in the long run, for it means the loss of the season's labor, expense, use of the land and the crop, if the seeds do not turn out right. Therefore procure your seeds from a reliable seed house with an established reputation. This is our 26th year in the seed business.**





VAUGHAN'S IMPROVED ARLINGTON WHITE SPINE.

One of the most distinct, popular and profitable of our special introductions. The real merit of this sort has gained for it a large and ever increasing demand, especially in very large cucumber growing districts of the South and East. Scores of seedsmen are advertising at cheaper rates a White Spine Cucumber claimed to be "as good or better" than this, but they have never proved their strains to be so, and our market gardener customers are satisfied to "let well enough alone," by continuing to plant "Vaughan's Arlington," and take no other. It is beyond question the earliest and most productive variety of this type. Rich green color throughout its entire length and very straight and symmetrical. We are constantly trying to improve this variety by most careful selection, always paying liberal bonus to our growers over the usual prices for growing Cucumber seeds. Lb., \$1.80; ¼ lb., 50c.; 2 oz., 35c.; oz., 20c.; pkt., 10c.; 5 lbs., by express, \$7.50.

### Improved Jersey Pickle.

This makes splendid vinegar pickles on account of its color, making what picklemen call a "light" pickle, excellent for "Gherkins." It is more prolific than White Spine. New land, turned-over pasture makes the nicest pickle. We have extra selected seed. Lb., \$2.00; ¼ lb., 60c.; oz., 20c.; pkt., 5c.; 5 lbs., by express, \$9.00.

### 20 CENTS' WORTH OF SEEDS EXTRA

WILL BE ALLOWED ON EACH ONE DOLLAR SENT FOR SEEDS IN PACKETS AND OUNCES

See Particulars of this Discount on Second Page Cover.

Nov. 24, 1902.  
HENRY CO., ILL.—The "Cumberland" Pickle I found true to name. It is certainly a rapid grower and very productive. My pansies were beauties from the 1st of August until a few weeks ago. I have a few blooming now, Nov. 15th.  
MRS. D. H. LEWIS.



Evergreen, or Extra Long White Spine.

One of the Best Table Sorts and Splendid for Forcing Under Glass.

A fine strain, producing smooth, regular fruits, frequently 12 inches long. Smooth, round, handsomely colored, and very regular in size and form; of excellent quality. Lb., \$2.25; ¼ lb., 60c.; oz., 25c.; ½ oz., 15c.; pkt., 5c.

## CUCUMBER

ANY OF THE FOLLOWING, PER PKT., 5c.; OZ., 15c.; EXCEPT WHERE NOTED.

Livingston's Evergreen, for pickling.....	¼ lb.	1b.
Improved White Spine.....	\$0.50	\$1.80
Extra Early Green Prolific.....	.50	1.70
Japanese Climbing, pkt., 10c.....		
Green Prolific, or Boston Pickling.....	.55	2.00
Early Cluster.....	.55	2.00
Early Frame, 5 lbs., \$9.00.....	.70	2.60
Emerald, oz., 20c.....	.60	2.25
Serpent or Snake, oz., 20c.....		
Goliath, enormously large, grows from 20 to 25 in.; good for frame and outdoors. Pkt., 10c.; ½ oz., 20c.; oz., 40c.		

**COOL AND CRISP.** The skin is very dark green, almost black, and covered with knobs, upon which the spines set, which gives the pickles a very attractive appearance. They are very early and prolific. As a Cucumber for slicing it is splendid. Lb., \$2.25; ¼ lb., 60c.; oz., 25c.; pkt., 5c.

The Cumberland Pickle, }  
Cyclone—Earliest of All. } SEE NOVELTIES.



WESTERFIELD CHICAGO PICKLE.

The True Stock is Extremely Scarce this Year.

This is a specialty first sent out by us and has become a standard variety among the gardeners and seedsmen. We supply the leading growers of the country with our selected seed. It is undoubtedly the best Cucumber for pickles, and is used almost exclusively by our pickle factories. The fruit is of medium length, pointed at both ends, with large and prominent spines; color deep green; begins to set its fruit when the vines are quite young. Lb., \$2.00; ¼ lb., 60c.; oz., 20c.; pkt., 5c.

### GHERKIN, for Pickles.

A very small, oval, prickly sort, distinct from all others. It is grown for pickles only. It is the smallest of all Cucumbers and should be pickled when young. The seeds germinate slowly. Lb., \$1.70; ¼ lb., 50c.; oz., 15c.; pkt., 5c.

### FORDHOOK PICKLING.

An extremely prolific variety that continues setting its fruits long after other sorts have ceased to bear. It produces longer vines and more Cucumbers than any other kind. The thinness of skin, their uniformity of size and shape, the crispness and tenderness of the flesh, taken with its free-bearing habit, render it one of the best pickle Cucumbers. Lb., \$2.25; ¼ lb., 60c.; 2 oz., 35c.; oz., 20c.; pkt., 5c.

### VEGETABLE GARDENING

By Prof. S. B. Green. Regular price, \$1.25; our price, 65c. Every gardener should have this valuable book. It tells about seed sowing, manures, greenhouses, insects, etc. Competition in gardening is getting keener every year. It is the gardener that keeps abreast of the times and reads that makes the money.

## English Frame Cucumbers

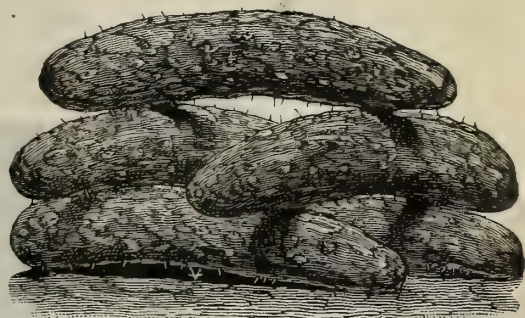
**Carter's Model.** This is one of the best of the English Cucumbers for greenhouse culture. Grows to immense size, straight, smooth, and is of excellent quality. We offer introducers' seed. Pkt. (25 seeds), 25c.; 3 for 65c.

**Rollison's Telegraph.** 18 in. long. ½ oz., \$1.00; pkt. (35 seeds), 25c.

**Noa's Forcing.** Excellent, prolific. Pkt., 15c.

**Vaughan's Prolific Forcing.**

It is early, robust and produces a great abundance of short-necked fruit in clusters, 2 or 3 at a joint. They have but few spines; color a fine, rich green; length 10 to 14 inches and holding the same uniform thickness from end to end. Pkt. (35 seeds) 20c.; 3 for 50c.



IMPROVED LONG GREEN.

Vaughan's Selected Stock. One of the Best for Pickles and Salad.

A selection from the Long Green. Vines vigorous and productive, forming fruit fit for table nearly as early as the shorter sorts; fruit about 12 inches long, firm and crisp. The young fruit makes excellent pickles, and when ripe is the best for sweet pickles. Lb., \$2.00; ¼ lb., 60c.; oz., 20c.; pkt., 5c.; by express, lb., \$1.90; 5 lbs., \$9.00.

**PLEASE NOTE** The Cucumber seed crop over the whole country was practically an entire failure and there is but very little reliable seed in existence. Customers should therefore not lose any time in securing their seed and from a reliable house. There is a lot of spurious seed on the market, saved from culls, from fields off which the pickles had been picked. Beware of that kind of seed.



**VAUGHAN'S VEGETABLE COOK BOOK**

Tells how to cook and use rarer Vegetables such as are listed on this page. 111 c. heavy paper cover, 25c; or free to every customer who buys garden seed to the amount of \$2.00 or upwards and asks for same. Bound in linen, 40c.

## A Page of Little Known But USEFUL VEGETABLES

For Culture of the following see "Vaughan's Vegetable Garden," free to buyers of Vaughan's Seeds.



CORN SALAD.



CURLED GARDEN CRESS.



WATER CRESS.



STAGHORN ENDIVE.



VAUGHAN'S IMPROVED PURPLE EGG PLANT.

**CARDOON.** *Kardon—Cardon.* The blanched stalks or ribs of the inner leaves are preferred, though main root is also used as a winter vegetable. Pkt., 5c.; oz., 10c.; 2 ozs., 15c.; ¼ lb., 25c.; lb., \$1.00.

**DOUBLE CURLED CHERVIL.** *Koerbel—Cerfeuil.* It is a hardy annual, worthy of more general use for flavoring and garnishing. More beautiful than parsley, and can be used to great advantage in beautifying dishes of meat and vegetables. Lb., 60c.; ¼ lb., 20c.; oz., 10c.; pkt., 5c.

**CHICORY.** *Cichorie—Barbe-de-Capucin.* The leaves are used as salads with oil and vinegar, either in their natural state or blanched. Roots are also used to mix with or be substituted for coffee. **LARGE ROOTED MAGDEBURGH.** Lb., 50c.; ¼ lb., 20c.; oz., 10c.; pkt., 5c. By express, 5 lbs., \$1.80; 10 lbs., \$3.25.

**CORN SALAD.** *Rabinschen oder Acker Salat—Mache.* A most refreshing salad; used extensively in Winter and Spring as a substitute for lettuce, also cooked like spinach. Lb., 60c.; ¼ lb., 20c.; oz., 10c.; pkt., 5c, postpaid. By express, 5 lbs., \$2.25.

**CRESS OR PEPPER GRASS.** *Garten Kresse—Cresson aleoiois.* **CURLED GARDEN.** Much used with lettuce, to the flavor of which its warm, pungent taste makes a most agreeable addition. Lb., 50c.; ¼ lb., 15c.; oz., 5c. By express, 5 lbs., \$1.75.

**UPLAND CRESS.** Has the highly prized flavor of water cress. It is so hardy as to be green nearly the whole year and is ready for use before any other salad in Spring. Oz., 30c.; ½ oz., 15c.; pkt., 5c.

**WATER CRESS.** *Wasser Kresse—Cresson de fontaine.* The pleasant and peculiar flavor of the Water Cress causes it to be highly esteemed for table use. Its culture can be carried on anywhere where there is sufficient supply of fresh, pure water; it is not even necessary that it should be running water. It can also be grown out of water in tubs of good soil kept in a very shady place, if watered occasionally. Our packages contain full cultural directions. Oz., 30c.; pkt., 10c.; 3 for 20c.

**DANDELION.** *Loewenzahn—Dent-de-lion.* Dandelion as a money crop is fast becoming the favorite spring green in the market. **THICK LEAVED OR CABBAGING.** An improvement on the common sort, the leaves being double the size. Lb., \$6.00; ¼ lb., \$1.60; oz., 50c.; ½ oz., 25c.; pkt., 10c.

**EGG PLANT.** **IMPROVED NEW YORK LARGE PURPLE.**—*Vaughan's Special Selection.* Very large, smooth and of fine dark color. Ours is the spineless plant, most preferred by our market gardeners, both east and west. We make the most careful selection possible of our stock plants, and know them to be unsurpassed for the market. Lb., \$3.00; ¼ lb., 85c.; oz., 25c.; ½ oz., 15c.; pkt., 10c.

**WHITE PEARL.**—The fruit is pure creamy white, with a very light shading of green near the stem; is of beautiful shape, as large or larger than the purple; is of fine grain, of a superior delicate flavor and cooks well whether boiled, baked or fried. 2 oz., 45c.; oz., 25c.; ½ oz., 15c.; pkt., 10c.

**BLACK PEKIN.**—Fruit round, almost black, flesh white; very solid; fine grained and delicious; very early and almost as large as the later sorts. Lb., \$2.50; ¼ lb., 70c.; oz., 25c.; ½ oz., 15c.; pkt., 5c.

**VERY EARLY DWARF PURPLE.**—Earliest of all. It resembles the New York Improved in shape and color; is smaller and earlier. Lb., \$2.00; ¼ lb., 60c.; 2 oz., 35c.; oz., 20c.; ½ oz., 12c.; pkt., 5c.

**ENDIVE.** *Endivien Salat—Chicoree Endive.* One of the most refreshing and attractive of all autumn and winter salads. Sow seed from the middle of June until the end of August.

**STAGHORN.**—This is the best Endive for early, as it does not go to seed if planted in the hot bed and transplanted out of doors, which fact gives it an advantage of early growth and brings it into the first early market, where it is bound to be a "money maker." It has sold at from 25c. to 30c. per dozen in the Chicago market. Pkt., 5c.; ½ oz., 10c.; oz., 15c.; ¼ lb., 35c.; lb., \$1.10.

**GREEN CURLED.**—A fine market sort. Lb., \$1.10; ¼ lb., 35c.; oz., 10c.; pkt., 5c.

**MOSS CURLED.**—Tender, fine quality. Lb., \$1.10; ¼ lb., 35c.; 2 oz., 15c.; oz., 10c.; pkt., 5c.

**BROAD LEAVED.**—Leaves large, broad, slightly curled. Lb., \$1.10; ¼ lb., 35c.; oz., 15c.; pkt., 5c.

**EVER WHITE CURLED.**—Very crisp and tender. Lb., \$1.40; ¼ lb., 40c.; oz., 15c.; pkt., 5c.

**GARLIC.** *Knoblauch—Ail.* **SELECTED BAVARIAN.**—This is a particularly fine strain of Garlic. It originally came from Wurzburg, Bavaria, and has been grown in an old German settlement of Illinois for a number of years. It is larger and more even than ordinary Garlic, keeps much longer without shriveling and is of snowy whiteness. Lb., 25c.; 3 lbs., 65c.; 5 lbs., \$1.00; 10 lbs., \$1.85; 100 lbs., \$16.00. If by mail add 10c. per lb. for postage. **ORDINARY GARLIC.**—Write for prices.

**HORSE RADISH.** *Meerrettig—Raifort sauvage.* If to go by mail, add 10c. per 100 for postage. **HORSE RADISH SETS.**—(small roots). 500 for \$3.00, by express; by mail postpaid, 100 for 85c.; doz., 20c. Write for special low prices by the thousand.

**KOHLRABI.** **SHORT TOP EARLY ERFURT.**—Excellent for forcing in open ground; flesh white and very tender, leaves very short. Lb., \$2.20; ¼ lb., 60c.; 2 oz., 40c.; oz., 20c.; ½ oz., 12c.; pkt., 5c.

**EARLY WHITE VIENNA.**—White, tender. Lb., \$1.65; ¼ lb., 45c.; oz., 15c.; ½ oz., 10c.; pkt., 5c.

**EARLY PURPLE VIENNA.**—¼ lb., 50c.; oz., 15c.; pkt., 5c.

**PURPLE GOLIATH.**—An extra large variety, used extensively for feeding cattle and sheep in winter, and an excellent vegetable for table before fully matured. Lb., \$2.60; ¼ lb., 65c.; oz., 20c.; pkt., 5c.

**WHITE GOLIATH.**—Like above, but white; grows to enormous size. Pkt., 5c.; oz., 20c.; ¼ lb., 65c.; lb., \$2.60.



BAVARIAN SELECTED GARLIC.



SHORT-LEAVED EARLY ERFURT KOHLRABI.



A PAGE OF SWEET POT AND MEDICINAL

HERBS



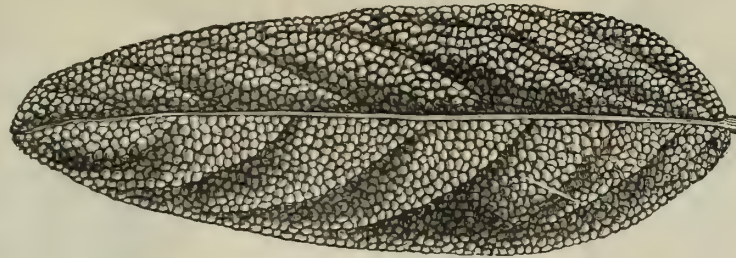
SWEET MARJORAM—MAJORAN—MARJOLAINE.



SUMMER SAVORY—BOHNENKRAUT—SARRIETTE.



LAVENDER—LAVENDEL—LAVANDE.



HOLT'S MAMMOTH SAGE (PLANTS ONLY).

leaf of natural size; they are borne well above the ground, are strong in flavor, of superior quality. It does not seed. Price each, 15c.; 3 for 25c.; 7 for 50c.; 15 plants for \$1.00; by mail, postpaid.

FOR flavoring soups, meats, etc., a few pot and sweet herbs are necessary for every garden. If they are to be used during the winter, the stalks should be cut on a dry day, when not quite in full bloom. They should then be dried quickly in the shade, and when dry be packed closely in boxes, with the air entirely excluded.

Varieties preceded by an \* are perennials.

	Pkt.	Oz.
ANISE.—Used for garnishing, seasoning and for cordials. Lb., 80c.	.05	.10
*BALM.—Used for making balm wine and tea.	.05	.20
BASIL, Sweet.—The leaves are used for flavoring soups, stews and highly seasoned dishes. Lb., \$1.35	.05	.15
BENE.—The leaves immersed in a tumbler of water make a drink very beneficial in cases of dysentery.	.05	.15
BOHNENKRAUT.—See Summer Savory.		
BORAGE.—Flowers excellent for bees. Leaves used in salads. The flower spikes can be used in cooling drinks. ¼ lb., 40c.	.05	.15
*CARAWAY.—Seeds are used for flavoring bread, pastry, meats, etc. ¼ lb., 20c.; lb., 60c.	.05	.10
CATNIP or Catmint.—Grown for bee pasture. The leaves and young shoots are used for seasoning.	.10	.40
*CHIVES.—Used for seasoning. Plants, per clump, 10c.; doz., \$1.00. By mail add 5c. per clump for postage. Seed, ½ oz., 40c.	.10	.80
CORIANDER.—The seeds are used for flavoring. ¼ lb., 15c.; lb., 45c.	.05	.10
DILL.—Leaves are used in pickles and for flavoring soups and sauces. ¼ lb., 15c.; lb., 60c.	.05	.10
*FENNEL.—The leaves boiled are used in fish sauces, and are beautiful for garnishing. The seeds are used for flavoring. ¼ lb., 25c.	.05	.10
*HENBANE.—The growing plants are supposed to absorb malaria.	.05	.15
*HOP SEED.	.15	
*HOREHOUND.—The leaves are used for flavoring, and also in the manufacture of cough remedies.	.05	.15
HYSSOP.—The tops and flowers are used for Hyssop tea.	.05	.15
*LAVENDER.—The leaves are sometimes used for seasoning, but the plant is chiefly grown for its flowers which are used in the manufacture of perfumery. Plants, each, 15c.; doz., \$1.50.	.05	.15
MARJORAM, Sweet.—The leaves and the ends of the shoots are used for flavoring in summer and they are also dried for winter use. ¼ lb., 35c.; lb., \$1.00.	.05	.10

HOLT'S MAMMOTH SAGE.

The plants are of strong growth, attain a height of one foot the first season and spread so that a single plant covers a space 3 feet in diameter. They are perfectly hardy and make a still larger growth the second season. Our illustration shows a



\*TARRAGON (*Artemisia dracunculus*). The leaves, either dried, fresh, or steeped in vinegar, are highly esteemed for seasoning and are called for in first class receipts. Once established, they will continue to produce for a long time. Price of plants, 15c. each; 2 for 25c.; 5 for 50c.; 12 for \$1.00, postpaid.

RUSSIAN TARRAGON.—Seed.—Not as fine as favored as the German. Pkt., 10c.

	Pkt.	Oz.
*PENNYROYAL.—Leaves are used for seasoning puddings and various dishes.	.10	
PEPPERMINT.—The leaves and stems are used for flavoring, but particularly for the distillation of the essence of peppermint, 25 seeds, 10c.; 100 seeds, 30c.		
PIMPINELLA.—The young tender leaves are used as salad; they have a flavor resembling that of cucumbers.	.05	.15
*ROSEMARY.—The leaves are used for seasoning.	.05	.25
*RUE.—For medical purposes; good for fowls for the croup.	.05	.25
SAFFRON.—Used for coloring certain dishes, also for flavoring. ¼ lb., 30c.	.05	.10
SAGE.—Leaves and tops are used for seasoning and stuffing. Lb., \$1.25	.05	.15
SUMMER SAVORY.—The leaves and young shoots are used for flavoring, especially for boiled string beans. ¼ lb., 20c.; lb., 70c.	.05	.10
TAGETES LUCIDA.—This possesses in its green parts almost exactly the true Tarragon flavor; of easiest culture. ½ oz., 15c.	.05	
THYME.—Used for seasoning; a tea is also made for nervous headache. ½ oz., 15c.	.05	.25
*Winter Savory.—A perennial for seasoning.	.05	.25
*Wormwood.—Beneficial for poultry; should be planted in poultry yards. ¼ lb., 55c.	.05	.20

BORECOLE OR KALE.

DWARF GREEN CURLED KALE.

Vaughan's Extra Selected Stock.

This is hardier than Cabbage, and makes excellent greens for Winter and Spring use. The leaves are as curly as Parsley, are tender and of very fine flavor and are improved by frost. Sow the seed in May or June, transplant in July and treat same as Cabbage. Immense quantities of this are grown in the South and shipped to Northern markets. We have an excellent strain of it.

Lb., 60c.; ¼ lb., 20c.; oz., 10c.; pkt., 5c.

TALL GREEN CURLED.—Fine curled. Lb., 70c.; ¼ lb., 20c.; oz., 10c.; pkt., 5c.

SEA KALE.—¼ lb., \$1.00; oz., 30c.; pkt., 5c.

SIBERIAN.—Sometimes called "Sprouts" and "German Greens." Not so curly as the Dwarf Green Kale. The plant is low, but spreading and very hardy. Lb., 60c.; ¼ lb., 20c.; oz., 10c.; pkt., 5c.



DWARF GREEN CURLED KALE.



CULTURE. See "Vaughan's Vegetable Garden" a copy of which is free to buyers of Vaughan's Seeds. Ask for it.



## LEEK.

*Lauch—Porree.*

### LONG MEZIERES WINTER.

This new variety excels all the Leeks grown. It has broad, vigorous, erect leaves and a long, good sized stem of snow white color and excellent flavor. It is very hardy, may be recommended as one of the best sorts for the market. Pkt., 10c.; ¼ oz., 15c.; 1 oz., 25c.; 2 ozs., 45c.; ¼ lb., 70c.; 1 lb., \$2.50.

**BROAD SCOTCH OR LONDON FLAG.** Hardy. A large strong plant, with broad leaves. Lb., \$1.10; ¼ lb., 30c.; oz., 10c.; pkt., 5c.

**LARGE MUSSELBURGH.** Enormous size, leaves large and broad, mild, pleasant flavor. Lb., \$1.10; ¼ lb., 30c.; oz., 10c.; pkt., 5c.

**ROUEN, Very Large Winter.** Large and excellent, enormous in size, best of all. Lb., \$1.35; ¼ lb., 40c.; oz., 15c.; ½ oz., 10c.; pkt. 5c.



### THE NEW "MORSE."

A careful selection from the Black Seeded Simpson by a seed grower of large experience. Very desirable for growing under glass or out of doors; style of growth resembles the Grand Rapids; leaves beautifully wrinkled and of brilliant green color. One of the best for Spring and Summer use. Quality the very best. Lb., \$1.25; ¼ lb., 35c.; 2 oz., 25c.; oz., 15c.; pkt., 5c.

### VAUGHAN'S "ALL SEASONS."

Without doubt this is one of the best of the All Head Lettuces. It forms a handsome, very large solid head, almost as large as a Flat Dutch Cabbage. The leaves are a beautiful light green and the inner ones are very tender and crisp. It goes to seed very slowly and is an excellent and profitable sort for the market gardener or for the home garden for early or late sowing. Pkt., 10c.; oz., 15c.; ¼ lb., 45c.; 1 lb., \$1.60.

### CALIFORNIA CREAM BUTTER.

This is one of the best of the Summer varieties of Head Lettuce. The heads are of good size and are so very solid they often have to be cut before the seed stalk can appear. They are crisp, have a rich, buttery flavor and are an ornament to the table.

Pkt., 5c.; oz., 10c.; ¼ lb., 30c.; 1 lb., \$1.00.

# LETTUCE

Two Ounces of Seed to 100 yards of Row; 4 pounds to the Acre. 40 to 50 Days from Seeding to Maturity.

Our Lettuce seed is specially grown for us by the most careful seed grower in California and is therefore much superior to the Lettuce seed usually sold.

### Curled or Loose Leaved Sorts

#### BLACK SEEDED SIMPSON.

*Vaughan's Selected Stock.*

This is by far the most popular sort among the Chicago gardeners. It forms large, loose leaves of ideal color; the leaves are large, thin, very tender, and of very good quality. It is one of the best sorts for use under glass as well as for early outdoor planting. Our seed of this has been most carefully selected, and we sell large quantities to market gardeners. Lb., \$1.25; ¼ lb., 35c.; 2 oz., 25c.; oz., 15c.; pkt., 5c.

**EARLY PRIZE HEAD.** This popular variety produces large, loose heads of finely crimped and fringed leaves, the outer portions of which are shaded with brown. Exceedingly crisp, sweet and tender. One of the best for the home garden. Pkt., 5c.; oz., 10c.; ¼ lb., 30c.; 1 lb., \$1.00.

**TILTON'S WHITE STAR.** A distinct sort of the Black Seeded Simpson type, but grows larger and more rapidly, and its leaves are broader, thicker, darker and less frilled at the edge. It forms a large loose head, blanches well, and is of excellent quality. The plants remain long in condition for use before running to seed. Pkt., 5c.; oz., 15c.; 2 oz., 25c.; ¼ lb., 35c.; 1 lb., \$1.25.



BLACK SEEDED SIMPSON, VAUGHAN'S SELECTED STOCK.

**EARLY CURLED SILESIA.** The old favorite; of dwarf, compact habit and quick growth, crisp golden leaves with finely curled edges. Pkt., 5c.; oz., 10c.; ¼ lb., 30c.; 1 lb., \$1.00.

**EARLY CURLED SIMPSON.** (White seeded.) One of the best of the "Leaf" Lettuces. Lb., \$1.00; ¼ lb., 30c.; 2 oz., 15c.; oz., 10c.; pkt., 5c.



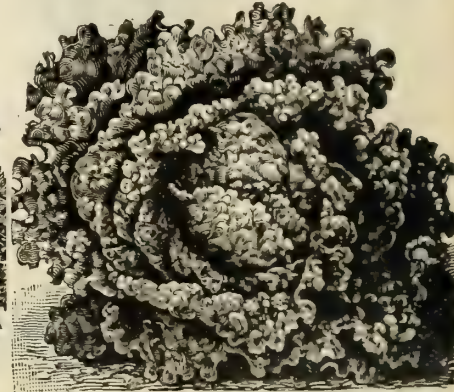
### GRAND RAPIDS FORCING.

*VAUGHAN'S SELECTED STOCK.*

This grand forcing variety stands more neglect in the way of watering and ventilation, will grow more weight on the same ground, and stand longer after maturity than the Black Seeded Simpson. It is of handsome appearance, a strong grower, and not apt to rot, and will keep from wilting longer while exposed for sale than any other. Its upright habit admits of very close planting. A quick grower.

**VAUGHAN'S EXTRA SELECTED STOCK.**—5 lbs., \$5.50; 1 lb., \$1.25; ¼ lb., 40c.; 2 oz., 25c.; oz., 15c.; pkt., 5c.

**ORDINARY STOCK.** 5 lbs., 3.25; 1 lb., 85c.; ¼ lb., 25c.; 2 oz., 15c.; oz., 10c.; pkt., 5c.



### DENVER MARKET FORCING.

An early variety of Head Lettuce, either for forcing or open ground. It forms large heads, of good light green color, and is very slow to go to seed. The leaves are beautifully marked and blistered (like the Savoy Cabbage), very crisp and tender, and of excellent flavor.

Lb., \$1.00; ¼ lb., 30c.; oz., 10c.; pkt., 5c.

We advise the planting of **TARRAGON** (*Esdragon*) in every garden. It possesses a very delicate aromatic flavor which makes it highly appreciated for seasoning salads or for making Tarragon vinegar. It is a hardy perennial plant which survives our Winters with a little protection. Three plants are enough for a small garden. Price, each, 15c.; 3 for 35c.; 12 for \$1.00.

## CABBAGE OR HEADING SORTS.



VAUGHAN'S "ALL SEASONS."

### "MAXIMUM."

A wonderfully heat-resisting new Lettuce, remaining a long time, even in the hottest weather, without going to seed. It is green outside and yellow in the center. It is one of the largest and most solid of head Lettuces and its quality is of the best.

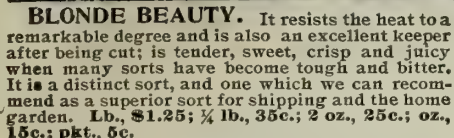
Pkt., 5c.; ¼ oz., 10c.; oz., 15c.; 2 ozs., 25c.; ¼ lb., 30c.; 1 lb., \$1.00.

### NEW FORCING HEAD LETTUCE

"MILLY."

Makes a large, firm head in remarkably quick time and has splendid keeping qualities. It is the best head Lettuce for forcing under glass, as it grows to larger size than any other variety. It succeeds very well as a Spring Lettuce and also as a Summer one. Pkt., 10c.; ¼ oz., 15c.; oz., 25c.; ¼ lb., 75c.; 1 lb., \$2.50.





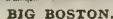
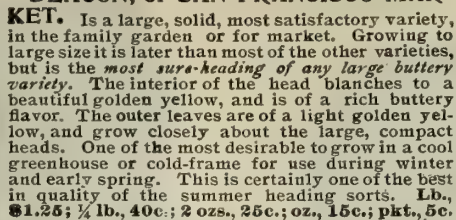
**ST. LOUIS BUTTER HEAD.** This is a great favorite with our Chicago gardeners, owing to its solidity, crispness and good flavor. It withstands the summer heat extremely well and is slow to run to seed. We can highly recommend it. **Lb., \$1.00; ¼ lb., 30c.; oz., 10c.; pkt., 5c.**

**ICEBERG.** The leaves have small indents which are constantly filled with dewdrops, thus keeping them always fresh and giving them a crystalline appearance, hence the name. The Iceberg is the hardest heading sort we know. An excellent lettuce for home garden and market. **Lb., \$1.00; ¼ lb., 30c.; oz., 10c.; pkt., 5c.**

**SILVER BALL.** (*Seed white.*) A remarkable variety in that it is an excellent sort both for forcing and outdoor culture. The thick, light green leaves have so much sheen that they actually look silvery white in some lights. The heads are of good size and of excellent quality. Lb., \$1.25; ¼ lb., 40c.; 2 oz., 25c.; oz., 15c.; pkt., 5c.

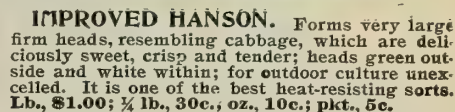
White Seeded Tennis Ball	Each, pkt., 5c.;
Black " " "	oz., 10c.; 2 ozs.,
Trionon Cos " "	15c.; ¼ lb., 25c.;
New York or Wonderful	lb., 85c.

**Two Ounces to 100  
Yards of Row. Four  
Pounds to the Acre.**



**BIG BOSTON.** A very popular variety with gardeners who want a large heading, forcing sort and also for out door winter culture. The plants are large, very hardy and vigorous, with broad, smooth, thin and very hard leaves which are bright, light green in color and when well grown are quite tender. Indoors this forms a solid head, while outdoors it is less distinctively a heading sort. This is grown in the south as a winter lettuce. **Lb., \$1.25; ¼ lb., 35c; 2 ozs., 25c; oz., 15c; pk., 5c.**

**PARIS WHITE COS.** Cos Lettuces have come into favor, and rightly so, for their crisp and tender leaves are delicate and refreshing. **Lb., \$1.10; ¼ lb., 30c.; oz., 10c.; pkt., 5c.**



**RUDOLPH'S FAVORITE, or BUTTER-CUP.** A very attractive Cabbage Lettuce; large size, crisp and delicate in flavor and very desirable for either winter or summer use, as well as for forcing. Forms a fine, large, solid head, and is remarkable for its fine foliage. **Lb., \$1.10; ½ lb., 30c.; oz., 10c.; pkt., 5c.**

**PERPIGNAN, or DEFIANCE SUMMER.** Is unequalled for long standing. One of the finest new varieties of Head Lettuce, which stands the summer heat better than others. It forms very large, solid heads, so firm that they have to be cut open to allow the flower shoots to come through. The leaves are light green. **Lb., \$1.10; ¼ lb., 30c.; oz., 10c.; pkt., 5c.**

### New Forcing Head Lettuce—

"EMPEROR."

The seed we offer was saved only from heads grown in the hot bed. This is an improvement on the old Emperor Lettuce and is **the best of all the forcing head of Lettuces.** The big solid heads average 7 inches in diameter. Pkt., 10c.;  $\frac{1}{2}$  oz., 25c.; 1 oz., 50c.

**Special Prices on 5,  
10 and 20 Pound  
Lots.**

## MUSK MELONS.

**NETTED GEM, ROCKY FORD, ETC.** The famous Rocky Ford Melons, the best of them, have always been grown from the best type of Oval Netted Gem, a little more oblong and decidedly larger than the original Netted Gem. Well known everywhere for 20 years. The Melon growers in the Rocky Ford (Colorado) Melon growing district have made famous their strains of this variety, because the four conditions, irrigation, lack of rain, soil, and selection of fruits have been nearly perfect and unequalled in any other part of the country. Our Mr. Vaughan has given careful attention to the Rocky Ford Gems for several years, and the facts we give on this page and what we say here concerning the various types of Netted Gem and what they may produce can be depended upon.

**NETTED GEM, OVAL, Patoka Strain.** This seed has been saved by one of the largest and most successful growers in Michigan and Indiana of true Netted Gem Melons ("Lopes," as they are called) supplying all the leading cities with these shipments in carloads. We believe this to be the most uniform and reliable strain of Netted Gem seed that can be procured in the United States. Careful tests of Rocky Ford seed planted alongside this strain have proven ours to be more uniform in shape than any other. With every order for seed we supply our circular "How to grow Musk Melons," which contains valuable advice. Price, per lb., \$1.25; 5 lbs. for \$5.00; ¼ lb., 65c.; ½ lb., 40c.; oz., 20c.; pkt., 10c.

**NETTED GEM, OVAL.** Our regular stock of this at the following prices is first-class, carefully selected seed, such as no gardener need hesitate to plant. Price, per lb., 80c.;  $\frac{1}{4}$  lb., 25c.; oz., 10c.; pkt., 5c.

**NETTED GEM, Round.** This is the true original type of Netted Gem originated in Philadelphia but our grower has improved it by weeding out so far as possible the oval type. Price, per lb., 60c.;  $\frac{1}{4}$  lb., 20c.; oz., 10c.; pkt. 5c.

## BENTON HARBOR "GEMS."

We showed a few hundred pounds of this favorite melon from some of the most careful and best known melon growers in the Beaton Harbor district. Our representative inspected their fields and selected those in which only the true type of "Gems" were represented. Our customers will find this stock exceptionally pure, true and even. Per lb., \$1.25;  $\frac{1}{4}$  lb., 40c. postpaid. 5 lbs., \$5.50; 10 lbs., \$10.00; 25 lbs., \$22.50, by express.

**MELON PEACH.** Grows on a vine like a Melon and is of golden yellow color, resembling an orange in shape and size, the flesh is snow white. They make splendid mangoes, stuffed with Cabbage, like Peppers. For sweet pickles, pies and preserving they have no equal. Full directions for cooking on each package. **Large pkt., 10c.; 3 pkts., for 25c.**



**Write for  
special prices  
on large lots.**

**NETTED GEM—ROCKY FORD.** This seed is carefully grown, selected and saved at Rocky Ford under the care and supervision of one of the most careful shippers. It is well known that much seed offered as Rocky Ford stock has been saved by local growers from surplus or cull Melons by men who know nothing of the responsibility of the seed business. Careful planters should avoid this kind of stock no matter how highly exploited by persons who are not seedsmen. It is as dangerous as to buy poisonous drugs from a grocer instead of a druggist. **Price, per lb., 85c.; ¼ lb., 25c.; 2 ozs., 15c.; oz., 10c.; pkt., 5c.**

**NEW FORCING MUSK MELON, "DIAMOND JUBILEE."** The plant is robust and free growing, develops rapidly and is hardy in constitution. The fruits, which are produced very freely on lateral growths, are oblong in shape, usually weighing 3 to 5 lbs. The skin is beautifully netted, and when ripe assumes a very pretty golden yellow. The flesh is greenish white, of exquisite flavor. This new sort has received a First-class certificate Scottish Horticultural Society, Edinburgh. **Pkt. (25 seeds), 25c.; 3 pkts., for 65c.**

**"SEEDS THAT GROW"** is extolled with much emphasis by some who sell seeds. Well, so do weed seeds. Vaughan's seeds not only grow but produce crops after their kind.



# Musk Melon

**SPECIAL PRICES**  
ON 5, 10 AND 20  
LB. LOTS.



VAUGHAN'S ORIGINAL OSAGE MUSK MELON.

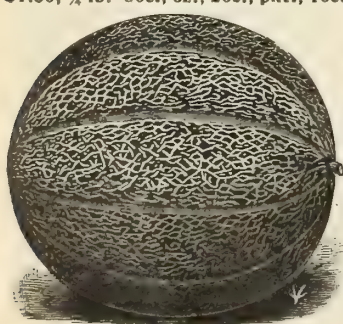
## VAUGHAN'S ORIGINAL OSAGE.

**VERY SCARCE THIS YEAR.** Having first introduced this now famous melon, we have taken pride in maintaining its quality and the carefully selected type originally sent out, paying ten times the ordinary seed growing prices for especial care in saving the seed which we offer of this. There is little description needed. This distinct, large, salmon-fleshed, high-quality table melon is well known the country over under its own name, and becomes more and more so each year. It is liked everywhere, and the past season has seen an increased sale of and demand for this melon from the best restaurants and hotels in Chicago, where melon buyers are most critical. Our strain is dark skinned and but moderately netted. The flesh is of peculiar orange color, rich, extra thick and of highest flavor.

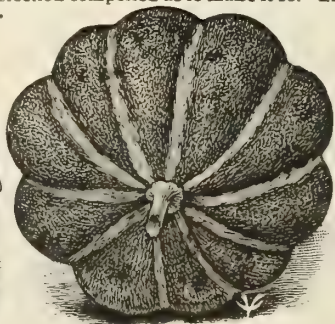
Price, regular stock, lb., \$1.25; ¼ lb., 40c.; 2 ozs., 25c.; oz., 15c.; pkt., 5c.  
Vaughan's Selected Stock Seed, lb., \$2.60; ¼ lb., 75c.; 2 ozs., 45c.; oz., 25c.; ½ oz., 15c.; pkt., 10c.

HUDSON, WIS.:—I found your stock of Osage Musk Melon, "Selected Stock Seeds," the most uniform in size, thickness of meat and excellent flavor. I have had Osage Melon seed from various sources, but none came anywhere near your "Selected Stock."  
B. L. GRANT.

**SPECIAL SHIPPING OSAGE.** We have this year a small quantity of a special strain of this melon, slightly more netted than original type, that has been selected particularly as a shipping melon. While it retains all the good points of the original, the prices are a little high, but the additional cost of selection compelled us to make it so. Lb., \$1.80; ¼ lb., 50c.; oz., 20c.; pkt., 10c.



CHAMPION MARKET.



EMERALD GEM.

**EMERALD GEM.** Color, dark green; flesh, thick and of a delicate salmon color. For table quality it ranks very high; it is one of the sweetest Melons grown, and especially suited to the home garden. This is one of the shortest items this year. Lb., \$1.50; ¼ lb., 45c.; 2 oz., 25c.; 1 oz., 15c.; pkt., 5c.

**CHAMPION MARKET.** The flesh is thick, light green in color, and of very rich, sweet flavor. It is as early as the Netted Gem, which it resembles in shape and appearance, but is fully three times larger; very prolific and a good shipper. Lb., \$1.30; ¼ lb., 40c.; 2 oz., 25c.; oz., 15c.; pkt., 5c.

**VAUGHAN'S CHICAGO MARKET.** This we consider the best Nutmeg for earliness of maturity, large and uniform size, thickly netted skin, small seed cavity, deep green flesh, juicy delicious flavor and freedom from rot. A favorite with all who prefer a green-flesh sort. Lb., 80c.; ¼ lb., 25c.; oz., 10c.; pkt., 5c.

**JENNY LIND.** Vaughan's Selected Stock. This Melon is unexcelled in eating qualities. The rind is thicker on the ends than in the old variety, so that it does not "break down" easily in shipping, and yet it retains the flattened ends which by many is considered as giving good appearance and also permits compact placing in baskets or crates. No one will go wrong in planting a part of his crop with this highly improved strain of True Jenny Lind. Lb., 80c.; ¼ lb., 25c.; oz., 10c.; pkt., 5c.

**TIP TOP.** Selected Stock. A Melon we recommend to every lover of this luscious fruit and to every gardener who grows for the market. It is a yellow fleshed Melon of the very best quality; every Melon produced, big or little, early or late in the season, is a good one. They are sweet, juicy, of finest flavor, eatable to the very rind. It is a strong grower and a heavy yielder, and of handsome appearance. Very scarce this year. Lb., \$1.50; ¼ lb., 45c.; 2 oz., 25c.; oz., 15c.; pkt., 10c.

**LANDRETH'S EARLY CITRON.** The largest of the very early Canteloupes; form half-flat, fairly webbed; flesh green. The merit of this sort consists of its extra early habit. A variety which, for its early maturity, will be found profitable by all market gardeners. Lb., 80c.; ¼ lb., 25c.; oz., 10c.; pkt., 5c.



## VAUGHAN'S PAUL ROSE, OR PETOSKEY.

The best and most uniformly high quality table Melon introduced in ten years. Every new hybrid melon like this to be improved must be watched. The Melons saved for seed must be selected for the same high qualities, exact netting, color and shape as made when originating it. Therefore Mr. Paul Rose raises our Melon crop for seed each year from a few pounds of specially selected seed for this purpose, and when saving seed, out of the crop he continues the most careful selection on the exact lines which he originally followed. No other seeds of Paul Rose Melon can equal this selection in quality, appearance and evenness of type, because they have not the same knowledge or painstaking interest in perfecting the type. We say again, for Paul Rose Melon Seed come to headquarters. It will pay you. "This is a cross of the Osage with the Netted Gem, and combines the sweetness of the former with the fine netting of the Gem. It has also the firmness of meat and cheesy structure peculiar to the best specimens of the Osage. In this respect it is superior to any Melon in existence, because of this thick, solid flesh, free from stringiness, which does not become watery or 'break down' in keeping, retaining its form twice as long as any other shipping Melon. It is perfection as a basket Melon for the shipping trade. Market gardeners have always made money out of its sales. Ripens about ten days earlier than the Osage. The average length is 5 inches; the average weight is 1½ lbs. Flesh reddish salmon, outside green, netted like Gem."

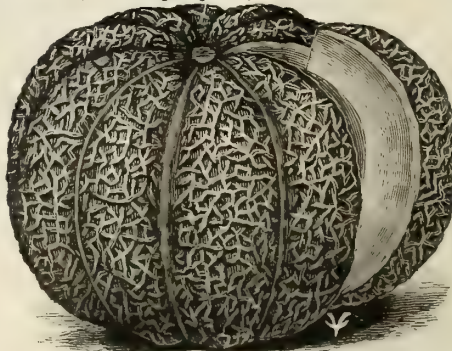
Price: Originator's Selected Stock Seed (Northern Michigan grown), per lb., \$1.50; ¼ lb., 45c.; 2 oz., 25c.; oz., 15c.; pkt., 10c.  
Vaughan's Regular Stock, per lb., 85c.; ¼ lb., 25c.; 2 ozs., 15c.; oz., 10c.; pkt., 5c.; 5 lbs. by express, \$3.50.

## EXTRA EARLY

### HACKENSACK.

This is a selection of the old Hackensack, which it resembles but is fully 10 days earlier. The Melons weigh from 4 to 10 lbs. and are of excellent flavor. Those who grow for market should remember that it is one of the best, as well as the earliest, hardest and most prolific of Netted Musk Melons. Lb., \$1.25; ¼ lb., 40c.; 2 ozs., 25c.; oz., 15c.; pkt., 5c.

**HACKENSACK.** Lb., \$1.00; ¼ lb., 30c.; 2 ozs., 15c.; oz., 10c.; pkt., 5c.



EXTRA EARLY HACKENSACK.

**THE SYRACUSE.** We found this fine Melon in the Syracuse markets, where it has been under control of an expert market gardener for several seasons. It is very large, weighing 6 to 9 pounds and larger, mostly oval shape, well netted, giving it a grayish green appearance. In form it is somewhat egg shaped, being rather pointed at the slim end. It is not only large but very heavy, its bright green flesh being often three inches in thickness. It has a sweet, delicious flavor, which is generally found in Musk Melons of this high green color. Mr. Coy, the western melon grower, writes: "We think favorably of this new sort. Would call it a good shipper, very attractive in appearance and of superior quality." We recommend this melon to experienced melon growers who are looking for a fine variety for the local market where delivery is made by wagons. There is no better new melon of this class. Pkt., 10c.; oz., 15c.; 2 ozs., 25c.; ¼ lb., 40c.; lb., \$1.50.

**MONTREAL MARKET.** Pkt., 5c.; oz., 15c.; 2 oz., 25c.; ¼ lb., 45c.; lb., \$1.00, postpaid. (This is very scarce this year.)

## OTHER STANDARD MUSK MELONS.

Lb., 80c.; ¼ lb., 25c.; 2 ozs., 15c.; oz., 10c.; pkt., 5c., postpaid.  
Banana. Early Nutmeg. Shumway's Giant.  
Cannon Ball. Extra Early Nutmeg. Cosmopolitan.  
The New Ideal. Bay View or Sweet Home.

NOTE.—If you keep poultry ask for our Poultry Supply Catalogue.

**SEEDS ARE DIFFERENT** from other merchandise. The real value of Seeds can only be known after months of labor. Buy your seeds of a reliable seed house with a reputation back of it. Seeds of real merit must be grown and sold by practical, trained seedsmen, with a reputation made and to be maintained. **DON'T BE MISLED** by cheap melon prices, this year in particular—it may be very dear in the long run.



# WATER MELON



## VAUGHAN'S BLACK DIAMOND.

A cross between Kolb's Gem and Hoosier King. All that could be said of the Kolb's Gem as to good shipping qualities can be truthfully stated in a higher degree of the *Black Diamond*. All the praise of high quality bestowed on the *Sweetheart* can be repeated of our new Melon, but its prominent point of merit is its **extreme size**—no melon ever yet produced anything like so uniformly large fruit nor approached it in **productiveness**. Melons weighing from **75 to 90 pounds** are frequent. It is the most prolific water melon ever planted. Its color is a rich, dark green, almost black. Its symmetrical shape, roundish to bluntly oval, is uniform throughout the field. The habit of the vine is extremely vigorous.

Pkt., 5c.; oz., 10c.; ¼ lb., 20c.; lb., 65c.; by express, 5 lbs., \$2.50.



**KLECKLEY'S SWEET.** Large oblong Melon, 20 inches in length, by 10 to 12 inches in diameter. The skin is dark green, flesh bright scarlet, the rind only about one-half inch in thickness. The scarlet flesh is sweet and sugary and is of such texture that it leaves no strings of pulp whatever in eating. The Melon is better for home use than for shipping, and we believe it is the best table Melon to-day. Monte Cristo is very much like it.

Pkt., 5c.; oz., 10c.; ¼ lb., 25c.; lb., 80c.; by express, lb., 70c.; 5 lbs., \$3.25.



COLE'S EARLY.

**COLE'S EARLY.** This is the best early Melon for the home market. For sweetness and delicious texture of flesh it has no superior. The rind is thin, but brittle; for the home we know of none better. Extreme earliness is another point in its favor.

Lb., 70c.; ¼ lb., 20c.; oz., 10c.; pkt., 5c.; by express, lb., 60c.; 5 lbs., \$2.65; 10 lbs., \$5.00.

## SPECIAL PRICES

We carry large stocks of Water Melon Seeds and will name special prices on 10, 20, 50 or 200 lb. lots.

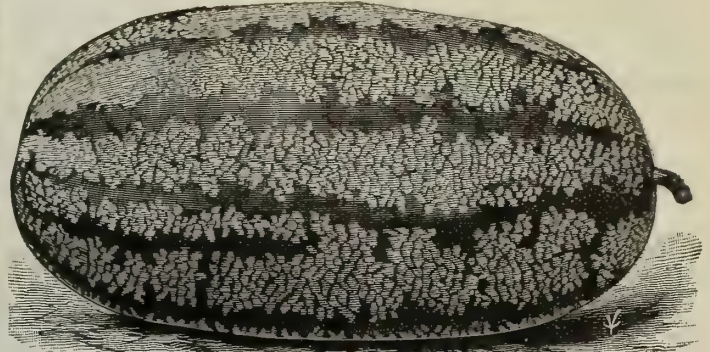
**JONES JUMBO.**—The shape is round, color green, with faint lightish stripes; the meat is deep red and of excellent flavor. As a market Melon it sells rapidly and for high prices. Lb., 60c.; ¼ lb., 20c.; oz., 10c.; pkt., 5c.; 5 lbs., by express, \$2.00.

**EARLY FORDHOOK.**—*Extra early.* The form is nearly round. The average weight of the melons is about *thirty-five pounds each*. The rind is tough, making it a valuable variety for shipping; the outer color is a uniform medium green; seeds white. Lb., 75c.; ¼ lb., 25c.; oz., 10c.; pkt., 5c.; 5 lbs., by express, \$3.00.

**THE DIXIE.**—One of the best shipping Melons grown. Darker than Kolb's Gem, and more beautifully striped; unexcelled for eating. Lb., 60c.; ¼ lb., 15c.; oz., 10c.; pkt., 5c.; by express in 5 and 10 lb. lots, 45c. lb.

**TRUE ICE CREAM.**—*The great home-market Melon.* It has too thin a rind for shipping. Few, if any, surpass a *True Ice Cream* for quality and productiveness. Flesh bright scarlet, solid to center; melting and delicious. Lb., 60c.; ¼ lb., 20c.; oz., 10c.; pkt., 5c.

**SEMINOLE.**—One of the most popular sorts grown; undoubtedly one of the best Melons. Lb., 60c.; ¼ lb., 20c.; oz., 10c.; pkt., 5c.



## McIVER'S WONDERFUL SUGAR MELON

The Sweetest Melon Grown.

The Melons attain a great weight, are of a very handsome appearance, never crack or lose their fine flavor in the wettest season. It is a very productive and hardy variety and one that will take the lead wherever known. Lb., 70c.; ¼ lb., 20c.; oz., 10c.; pkt., 5c., postpaid; by express, lb., 60c.; 5 lbs., \$2.50.

**TRIUMPH.**—It is a cross between Duke Jones and Kolb's Gem. It has the handsome appearance of the former and the shipping qualities of the Gem; very early, very prolific, deliciously sweet, and of enormous size. It possesses all of the qualities that go to make up a desirable Melon.

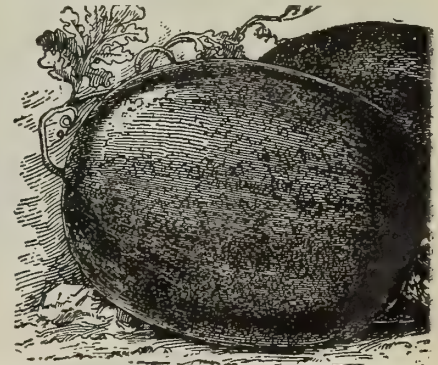
Lb., 70c.; ¼ lb., 20c.; oz., 10c.; pkt., 5c., postpaid; by express, lb., 60c.; 5 lbs., \$2.75; 10 lbs., \$5.25.

**IMPROVED KOLB'S GEM.**—It is fully a week earlier in ripening than the ordinary Kolb's Gem, besides growing much larger and being a heavier yielder. Lb., 50c.; ¼ lb., 20c.; oz., 10c.; pkt., 5c.; by express, 1 lb., 40c.; 5 lbs., \$1.75; 10 lbs., \$3.25.

## SWEETHEART.

Our strain is a grand, sweet-hearted kind for home and market use, and will hold its own in the "Water Melon patch" for many years to come. Vine vigorous and productive, ripening its fruit early; fruit large, oval, very heavy, uniformly mottled light and dark green; rind thin but firm; flesh bright red, firm and solid, but very tender melting and sweet.

Lb., 70c.; ¼ lb., 25c.; 2 oz., 15c.; oz., 10c., pkt., 5c.; by express, lb., 60c.; 5 lbs., \$2.75; 10 lbs., \$5.00.



SWEETHEART.

Standard Varieties, which we supply at the uniform rate of: Lb., 60c.; ¼ lb., 15c.; oz., 10c.; pkt., 5c., prepaid. Special prices on larger lots.

Red Seeded Citron.

Phinney's Improved. Mountain Sweet. Rattle Snake. Colorado Citron. Cuban Queen. Dark Icing. Florida Favorite. Black Spanish. Long White Icing.

**OUR SEED** is saved from melons grown exclusively for seed and by seed growers of experience, and must not be compared with seed saved from the culls—left over after the best, earliest and largest melons are sold on the market.



## MARTYNIA, or Unicorn Plant.

A strong growing, hardy annual plant, with curiously shaped seed pods, which, when young and tender, are highly prized for pickling. The pods are produced in great abundance and should be gathered when less than half grown. For culture see "Vaughan's Vegetable Garden." Pkt., 10c.; ½ oz., 20c.; oz., 35c.

## MUSTARD.

Mustard is not only used as a condiment, but the green leaves are used as a salad, or cut and boiled like spinach.

**CHINESE, or Giant Southern Curled.** The large leaves, which often measure 14 inches, are ready for use in about six weeks after sowing. Plants will continue to yield until frosty weather. Leaves are eaten boiled, like spinach. Lb., 70c.; ½ lb., 20c.; oz., 10c.; pkt., 5c.

**WHITE.** Best for salad and general use. Lb., 40c.; ½ lb., 15c.; oz., 5c.

**BROWN.** Stronger and more pungent than above. Price, same as white.

## Nitrate of Soda vs. Farm Yard Manure.

Market gardeners are in the habit of using from 50 to 100 tons of stable manure every year. They will tell us they might as well stop gardening as stop manuring, and they will continue to use year after year such enormous quantities of manure containing no ready formed nitric acid, which is the main source of nitrogen in plants. If they receive the manure for nothing, the labor of hauling it, handling and distributing it costs more than the amount of nitric acid which it naturally yields by decomposition in the soil could be purchased for in the form of nitrate of soda, and in these market gardens the soil is so charged with carbonic acid that it excludes the oxygen and decomposition proceeds very slowly, and to produce the necessary quantity of nitric acid, more and more manure must be used. Try nitrate of soda. It acts like magic; it will pay ten times over.

## HOW TO GROW Mushrooms

A Prize Paper  
by D. Fraser.

"Much has been said and written in regard to the cultivation of mushrooms, but it is safe to say, that half of the people who attempt to grow them make a failure of it."

We furnish this 12 page book for 10c., or free with one dollar's worth of Mushroom Spawn, if requested with order.



CHINESE MUSTARD

## MUSHROOMS.

Can be easily grown everywhere and at all seasons, by following directions given in the books offered on this page, and it is one of the most profitable crops to grow. We can always furnish fresh mushroom spawn, receiving five shipments every year from the most reliable English maker of this article.

**English Mushroom Spawn.** It comes in pressed about 20 ounces. These are broken up into pieces the size of a walnut and put into the bed eight inches apart each way. Price per brick, 25c.; 5 lbs., \$1.00, postpaid. By express or freight, per brick, 15c.; 2 for 25c.; 10 lbs., \$1.00; 25 lbs., \$2.00; 100 lbs., \$6.50; if shipped from New York, \$6.00.

**French Mushroom Spawn.** Put up in boxes of 2 lbs each. Price, per box, 75c.; if by mail, \$1.00. The same loose, per lb., 35c.; if by mail, 45c.; 10 lbs., \$3.20.

### Robinson's Mushroom Culture.

A book bound in cloth, giving directions how to prepare Mushroom beds and raise Mushrooms. Postpaid, 50c.

### Mushrooms, How to Grow Them.

By Wm. Falconer. The most complete book ever published in America on the cultivation of mushrooms. Per copy, \$1.00, postpaid.

## OKRA, or GUMBO.

This is an annual from the West Indies, cultivated for its young seed pods, which are used in soups, or stewed and served like asparagus. It is highly esteemed in the south for making gumbo soup. The pods when young and tender may be sliced in sections and strung on a thread and hung up in the shade to cure like dried apples; in this condition they can be used for soup at any time. The ripe seeds also are parched and used instead of coffee.

**White Velvet.** Produces pods larger than any other. They are never prickly to the touch, always round and smooth, while in other varieties they are either ridged or square-edged. Lb., 60c.; ½ lb., 20c.; oz., 10c.; pkt., 5c.

**Dwarf.** Early and prolific. Lb., 50c.; ½ lb., 20c.; oz., 10c.; pkt., 5c.

**Tall.** Lb., 50c.; ½ lb., 20c.; oz., 10c.; pkt., 5c.

# Vaughan's Pedigree Onion Seed

**FREE** We will send a copy of Market Gardening with Nitrate, a book of 38 pages, to anyone who is interested enough to ask for it.

High-grade onion bulbs have brought fair prices, they will be higher in the Spring. Poor grades have sold low. The central east had but half a crop, the northwest a good crop. Onions from Vaughan's Pedigree Seeds will sell on a dull market and will bring the best prices in any market. This seed is raised for us by reliable growers and sold as low as consistent with the quality. Cheap onion seed is the dearest.

### LARGE RED WETHERSFIELD.

This is the Standard Red Variety and a favorite onion in the East, where immense crops are grown for shipment. Large; skin deep purplish-red; form round, somewhat flattened; flesh, purplish-white; moderately fine grained, and stronger flavored than any of the other kinds. Very productive, the best keeper and one of the most popular for general cultivation. It is more inclined to form large necks, if planted on unsuitable soil, than the Danvers, but it is the best variety on poor or dry soils. Lb., \$1.10; ½ lb., 35c.; 2 ozs., 25c.; oz., 15c.; pkt., 5c., postpaid. By express, lb., \$1.00; 5 lbs., \$4.75; 10 lbs., \$9.00.

### LONG-KEEPING BROWN AUSTRALIAN.

**Extra Early.** Is of medium size, wonderfully hard and solid and most attractive for market, both as to form and appearance. They are extremely early in ripening, and never make any stiff-necks or scallions. Every seed seems to produce a good-sized onion, and the bulb begins to form very quickly when the plant is not over three inches high. Planted

with the Red Wethersfield it proved to be nearly four weeks earlier and ripened off more uniformly. It will keep longer in good condition than any other Onion known. The color of the skin is a clear amber-brown. Lb., \$1.00; ½ lb., 35c.; oz., 15c.; pkt., 5c., postpaid. By express, lb., 90c.; 5 lbs., \$4.00.

### THE EARLY YELLOW CRACKER.

The earliest of all our yellow sorts, and is an excellent kind to raise where the seasons are short. It is the best of all the yellow onions in quality, but needs to be harvested as soon as it dies down and handled carefully. Lb., \$1.50; ½ lb., 40c.; 2 ozs., 25c.; oz., 15c.; pkt., 5c., postpaid. By express, lb., \$1.40; 5 lbs., \$5.60.

**Early Red Cracker.** Like above except in color. Price same as Yellow Cracker.

**Extra Early Red.** The first to ripen, and one of the handsomest of the red sorts. A medium sized flat variety; an abundant producer, and very uniform in shape and size. Lb., \$1.10; ½ lb., 35c.; 2 ozs., 25c.; oz., 15c.; pkt., 5c.

### NITRATE OF SODA, or Chili Saltpeter.

For Onions, a top dressing of from 75 to 100 lbs. two or three times at intervals of about three weeks after the crops have well started.

### SEE BACK COVER

and inside back cover  
page for the

### 3 Best Globe Onions

Southport, White.  
Red and Yellow Globe



LARGE RED WETHERSFIELD.



EARLY CRACKER.



EXTRA EARLY BROWN AUSTRALIAN.



## PRIZETAKER ONION—THE GENUINE.

### The Handsomest, Largest Yellow Globe Onion.

An excellent keeper, of finest flavor, handsome shape and enormous size, many single Onions having been raised to weigh five pounds and over from seed the first year. It is of the same type as those immense imported Onions which can be seen in fruit stores and always command a very high price. The **Prizetaker** grows always to a perfect globe shape, with a bright straw colored skin, the necks are very small and the Onions always ripen up hard. Ours is American-grown seed. **Lb., \$1.20; ¼ lb., 40c.; 2 ozs., 25c.; oz., 15c.; ½ oz., 10c.; pkt., 5c.,** postpaid; by express, **lb., \$1.10; 5 lbs., \$5.25; 10 lbs., \$10.00.**

### MAMMOTH SILVER KING.

This mammoth variety is one of the largest in cultivation, averaging from 15 to 22 inches in circumference, often weighing from 2½ to 4 pounds each. It matures early and is of uniformly large size and fine shape, being flattened, but thick. The skin is of a beautiful silver-white, flesh snowy and tender, of mild, sweet flavor. Its striking size and handsome appearance, as well as mild flavor, recommend it for exhibition at fairs, for the fancy market as well as the table. **Lb., \$1.90; ¼ lb., 50c.; 2 ozs., 30c.; oz., 20c.; ½ oz., 12c.; pkt., 5c.,** postpaid; by express, **lb., \$1.80; 5 lbs., \$8.50.**

### OHIO YELLOW GLOBE ONION.

#### Vaughan's Selected Stock.

The finest shaped, best colored and largest cropper of any of the yellow onions, and entirely distinct from the old type Yellow Globe Danvers. This strain is grown from carefully selected bulbs, everything being rejected that does not come up to standard in shape and size. Its points of superiority over the ordinary Yellow Danvers are earliness of ripening, smallness of neck, perfect globe shape and uniformity of shape and color. It is an immense cropper and will yield more marketable onions to the acre than any other strain. This is scarce this year. **Pkt., 5c.; ½ oz., 12c.; oz., 20c.; 2 ozs., 35c.; ¼ lb., 60c.; lb., \$2.00,** postpaid.

#### EXTRA EARLY

### Australian Brown Globe Onion.

Quick to mature; a long keeper; solid and heavy, an excellent onion for shipping. The bulbs are perfectly round or globe shaped. The skin is a light brown. Their solidity gives them great weight and a bushel weighs several pounds heavier than a bushel of American varieties. An average bulb will measure three inches in diameter each way and weigh about seven ounces. The onions are thin-necked and ripen very evenly in all soils. The flesh is pure white, very solid and exceptionally mild. As the plant makes a very quick growth it matures the bulbs before the hot, dry Summer weather sets in, and this in connection with its exceptional keeping qualities makes it a most profitable variety to plant for market. The productiveness of this onion is remarkable. **Pkt., 5c.; ½ oz., 10c.; 1 oz., 15c.; 2 ozs., 25c.; ¼ lb., 45c.; 1 lb., \$1.60,** postpaid; by express, **1 lb., \$1.50; 5 lbs., \$7.00.**



**White Portugal or Silverskin.** A large, flat onion of mild flavor and great beauty, its clear white skin glistening like silver. A favorite with many for use when young as a salad or bunching onion, and for pickles; it is also a good keeper and fine for Fall and early Winter use. An excellent sort for gardeners who do not plant more than one variety. **Lb., \$1.85; ¼ lb., 50c.; 2 ozs., 30c.; oz., 20c.; pkt., 5c.,** postpaid; by express, **lb., \$1.75; 5 lbs., \$8.25.**

**Eastern Grown Seed.** **Lb., \$2.40; ¼ lb., 70c.; 2 ozs., 40c.; oz., 25c.; pkt., 10c.,** postpaid; by express, **lb., \$2.30; 5 lbs., \$10.75.**

Any of the following sorts, **lb., \$1.60; ¼ lb., 45c.; oz., 15c.; pkt., 5c.**  
**Early Red Globe,** **Giant Brown Rocca,**  
**White Victoria,** **Giant Yellow Rocca**  
**Red Victoria.**



If to go by freight or express deduct 8 cents from the price of single pounds.



**"Fancy" Yellow Globe Danvers.** The shape is uniformly round; color, a fine brown, orange yellow. The entire crop ripens down at one time and winters well. No gardener can afford to experiment with doubtful seed. **Lb., \$1.20; ¼ lb., 40c.; 2 ozs., 25c.; oz., 15c.; pkt., 5c.,** postpaid; by express, **lb., \$1.10; 5 lbs., \$5.25; 10 lbs., \$10.00.**

**Yellow Globe Danvers.** This strain of Globe Danvers is equal to any usually sold, and may be relied upon as a first class cropper. **Lb., \$1.00; ¼ lb., 30c.; oz., 10c.; pkt., 5c.,** postpaid; by express, **lb., 90c.; 5 lbs., \$4.25; 10 lbs., \$8.25.**

**Yellow Danvers.** A fine, productive variety of medium size; skin coppery-yellow; flesh white, comparatively mild and well flavored. **Pkt., 5c.; oz., 10c.; 2 ozs., 15c.; ¼ lb., 30c.; lb., \$1.00.**

**Large Yellow Dutch, or Strasburg.** One of the oldest sorts. Flat; flesh white, fine grained, mild and well flavored. **Pkt., 5c.; oz., 10c.; 2 ozs., 15c.; ¼ lb., 30c.; lb., \$1.00,** postpaid; by express, **lb., 90c.; 5 lbs., \$4.25; 10 lbs., \$8.25.**



VAUGHAN'S PICKLING.

**Vaughan's Pickling.** This is a uniformly early, small, round, hard, crisp, tender and very handsome variety, with an opaque white skin, which does not turn green upon exposure to the sun. An excellent sort for use in bunching, for pickles or as large onions. **Lb., \$1.70; ¼ lb., 50c.; 2 ozs., 30c.; oz., 20c.; pkt., 5c.,** postpaid; by express, **lb., \$1.60; 5 lbs., \$7.00.**

**Bermuda Onions.** These onions grow to an immense size and are of a beautiful form. The skin is very thin, flesh white, fine grained, of mild and pleasant flavor. It will grow an onion from 1 to 1½ pounds from seed, but to attain full size, set out the bulbs the following Spring. **White or Red Bermuda,** **lb., \$1.40; ¼ lb., 40c.; oz., 15c.; pkt., 5c.,** postpaid.

**White Queen.** Remarkable for its earliness and very mild flavor; it is small and white skinned; the leading variety for pickling purposes. **Lb., \$2.00; ¼ lb., 60c.; 2 ozs., 35c.; oz., 20c.; ½ oz., 12c.; pkt., 5c.,** postpaid; by express, **lb., \$1.90; 5 lbs., \$9.00.**

**White Barletta.** It is a beautiful waxy-white color. Price, same as that of White Queen.





VAUGHAN'S "APPLE-SHAPED" RED GLOBE ONION.



CHAMPION MOSS CURLED PARSLEY.

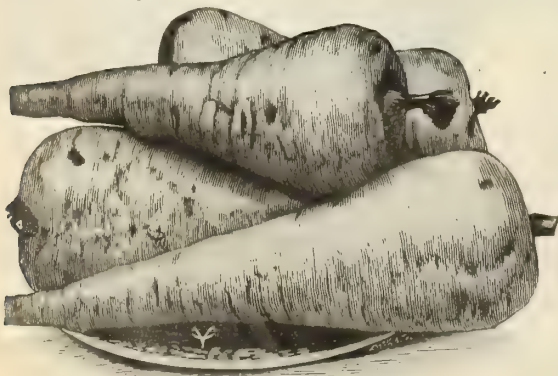
## Parsley CHAMPION MOSS CURLED.

**The Champion** is a prize-winning English variety, in appearance like a tuft of finely curled moss, and of a rich deep green color. It is slow to run to seed and very hardy; of easiest growth; a few seeds sown in onion rows use no space. Grows in window boxes. Lb., 70c.; ¼ lb., 20c.; oz., 10c.; pkt., 5c.

**Fern-Leaved.** Valuable for garnishing and also as ornamental foliage plants for borders of beds. Lb., 75c.; ¼ lb., 25c.; oz., 10c.; pkt., 5c.

**Plain.** Lb., 50c.; ¼ lb., 20c.; oz., 10c.; pkt., 5c.

**Hamburg Rooted,** or German Parsley. The root resembles a small parsnip, and is the edible part of this sort; extensively used for flavoring soups. Lb., 60c.; ¼ lb., 20c.; oz., 10c.; pkt., 5c.



MAGNUM BONUM PARSNIP.

## ONION, VAUGHAN'S "APPLE-SHAPED" RED GLOBE.

This is the most perfect market type of Red Globe Onion. It is, we think, ideal for enclosing the most bulk in the most compact shape. Its color is **absolutely the darkest blood red possible.** Its size is equal to any of the largest types of Red Globe. Fifteen years ago this Onion was first planted in the West, under the name of Extra Early Red Globe. Since that time, grown on rich land, carefully selected for size, shape and color, it has been improved a little each year, until we believe it now the very best of its class. Per pkt., 10c.; ½ oz., 15c.; oz., 25c.; 2 oz., 40c.; ¼ lb., 65c.; lb., \$2.25; 5 lbs., \$6.50.

## VAUGHAN'S "APPLE-SHAPED" YELLOW GLOBE.

In shape, productiveness, keeping qualities, and in every other respect like above, except in color, which is a good yellow. Per pkt., 10c.; ½ oz., 15c.; oz., 25c.; 2 oz., 40c.; ¼ lb., 65c.; lb., \$2.25; 5 lbs., \$6.50.

## THE BOLTON ONION. THE ONION FOR SETS.

A Central New York variety, pale red, medium in size, shaped like a thick flat Danvers, very firm, with small tops, quick growth. This Onion makes the best and longest keeping sets we know of; **Bolton Onion Sets are Famous.** It quickly makes a handsome "Green Onion," being one of the earliest in the market. The Onions, if permitted to remain in the ground, grow into a large Onion of fine quality for Fall and Winter use. Pkt., 5c.; oz., 10c.; 2 ozs., 15c.; ¼ lb., 30c.; lb., \$1.00. By express, lb., 90c.; 10 lbs., \$7.75; 50 lbs., \$36.00.

## Something New.

**Early White Welsh Onion.** For Green Onions. This kind does not form a bulb but is one of the best kinds for "Green Onions." The plants are perennials and can remain in the ground for years. They can be propagated by seeds or divisions. Pkt., 10c.; ½ oz., 15c.; oz., 25c.; 2 ozs., 40c.; ¼ lb., 60c.

**Yellow Russian Onion.** An exceedingly distinct kind. The bulbs are rather small and thick with the fault of frequently splitting into cloves, but keep better than any other kind. Price, same as on Early Welsh Onion.

**White Potato Onion Seed,** (Each, per pkt., 10c.; ½ oz., 15c.; oz., 25c.; 2 ozs., 40c.)  
**Yellow Multiplier (Shallot) Seed,** (25c.; 2 oz., 40c.)

## Onion Sets

Pint, quart and 2 quart prices include postage; pecks and bushels are at buyer's expense. Write for latest market prices on bushel and barrel lots.



We sell Bottom Onion Sets, Shallots, White Multipliers and Potato Onions by weight, 32 lbs. to the bushel. Top Sets 28 lbs. to the bushel.

**Onion Sets** are subject to market changes, and while we shall try to maintain these prices, we cannot guarantee them to last throughout the season and advise early orders. "By express or freight" always means the purchaser pays the transportation charges.

**Bottom Onion Sets.** These are the product of seed and are used for "Green Onions" or to produce large Onions, which they do much quicker than can be grown from seed.

**White Bottoms.** Our sets of this are very choice, small, dry and unsprouted. Bu. (32 lbs.) \$3.50; peck, \$1.00; ½ peck, 65c., by express or freight. 2 qts., 60c.; qt., 35c.; pt., 20c., postpaid.

**Yellow Bottoms.** Fine dry sets, medium in size and unsprouted. Bu. (32 lbs.) \$2.35; peck, 65c.; ½ peck, 40c., by express or freight. By mail, postpaid, 2 qts., 50c.; qt., 30c.; pt., 18c.

**Red Bottoms.** Bright deep red in color, even and dry; these are scarcer this year than the white bottom sets. Bu. (32 lbs.) \$3.00; peck, 85c.; ½ peck, 55c., by express or freight. By mail, postpaid, 2 qts., 50c.; qt., 30c.; pt., 18c.

## Special Offer.

White, Yellow and Red Bottom Sets.	By mail, postpaid.	By express, buyer's exp.
One pint, each.....	\$0.45	\$0.30
One quart, ".....	.80	.55
Four quarts, ".....	....	1.25
One peck, ".....	....	2.10
One bushel, ".....	....	7.60

**Shallots, or Yellow Multipliers.** Bu. (32 lbs.), \$3.50; peck, \$1.00; ½ peck, 65c., by express or freight. By mail, postpaid, qt., 35c.; pint, 20c.

**Yellow Potato Onion Sets.** They produce large, dry ripe Onions earlier than any other kind. Bu. (32 lbs.), \$3.25; peck, 90c.; ½ peck, 55c., by express. By mail, postpaid, quart, 35c.; pint, 20c.

**White Multiplier Onion Sets.** *Green Onions for First Early Spring Bunching.* They are of a pure silvery-white color, enormously productive, frequently producing as many as twenty bulbs in a single cluster from one bulb planted; of excellent quality and size for bunching. Their keeping qualities are remarkable, having kept perfectly sound for a year, but their most important quality is extreme earliness, being ready for market three to four weeks ahead of other Onion sets. By freight or express, bu. (32 lbs.), \$4.00; peck, \$1.15; ½ peck, 70c. Postpaid, qt., 35c.; pint, 20c.

**White or Silverskin Top Sets.** We have a small supply of these fine Onion sets, which make such delicious "Green Onions." Pin\* 30c.; qt., 55c.; 2 qts., 90c.; 4 qts., \$1.20.

**Red Spring Top Sets.** These are planted to produce both early "Green Onions, and large eating Onions. By express or freight, bu. (28 lbs.) \$4.00; peck, \$1.20; ½ peck, 70c. By mail, qt., 35c.; pint, 20c.

**Egyptian, or Perennial Onions.** This variety never forms a large bulb; their value lies wholly in their special adaptability for producing Green Onions for Spring or Fall use. They are perfectly hardy and stay in the ground all the time. Top Sets, by express, bu. (28 lbs.), \$2.00; peck, 65c. Postpaid, qt., 25c.; pint, 15c.

## Parsnip

**Magnum Bonum.** A very fine and greatly improved strain of Hollow Crown Parsnip which we can recommend to all marketmen as a money maker. The roots are smooth, not so long as those of the standard sort, somewhat thicker in diameter and much more easily pulled. A very heavy cropper. Lb., 60c.; ¼ lb., 20c.; oz., 10c.; pkt., 5c.

**Improved Guernsey.** An improved strain, which has given general satisfaction. The roots do not grow so long as those of the Hollow Crown, but are of greater diameter and more easily gathered. Of excellent quality. Lb., 50c.; ¼ lb., 15c.; oz., 10c.; pkt., 5c.

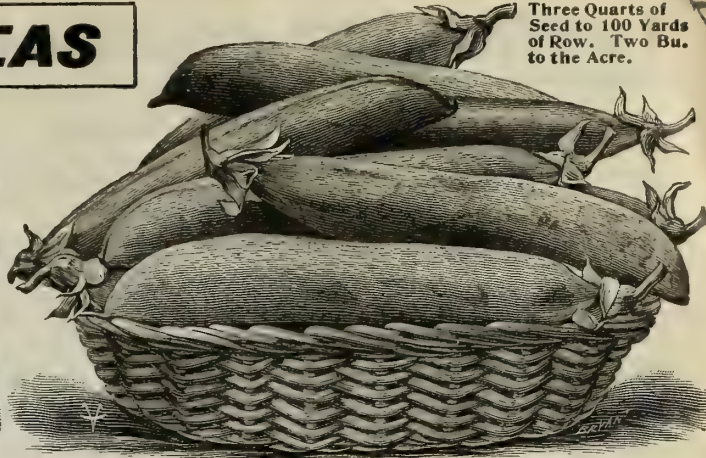
**Hollow Crown or Long Smooth.** (Abbot's Improved.) Smooth, large, tender and sugary; one of the best. Our stock is very fine. Lb., 45c.; ¼ lb., 15c.; oz., 10c.; pkt., 5c.



# PEAS



NOTT'S EXCELSIOR.



GRADUS OR PROSPERITY.

Three Quarts of Seed to 100 Yards of Row. Two Bu. to the Acre.

## Vaughan's "Succession Collection" of Dwarf Peas



These can all be planted at the same time, and they will be ready for use in succession.

### NOTT'S EXCELSIOR.

The earliest and best Dwarf Pea in cultivation. Height, 15 inches. As hardy as the earliest market sorts, but in quality equal to the Little Gem. It out yields that variety and the American Wonder 20 to 30 per cent, and is as early as the latter. The pods are about 7 inches long and each pod contains from 6 to 8 large peas, which are tender and unusually fine flavor. It not only yields more heavily in bulk of pods than other dwarf varieties of the same season, but also of shell Peas. Price: By mail, postage included, pkt., 10c.; pt., 23c.; qt., 45c. By express or freight, at buyers' expense, large pkt., 10c.; pt., 15c.; qt., 30c.; 2 qts., 55c.; ½ pk., \$1.00; pk., \$1.85; bu., \$7.25.

### IMPROVED STRATAGEM. The Best of the Large Podded Late Sorts

Height, 18 inches. The old Stratagem Pea has always been one of the best late sorts for quality, but it was a shy yielder, which impaired its usefulness. The Improved Stratagem has all the sterling qualities of the original type and is one of the heaviest yielders. The vines are of medium height, very stocky, the pods are of immense size, well filled with very large, dark green Peas. PRICE: By mail, postage included, pkt., 10c.; pt., 23c.; qt., 45c. By express or freight, at buyer's expense, large pkt., 10c.; pt., 15c.; qt., 30c.; 2 qts., 55c.; ½ pk., 95c.; pk., \$1.75; bu., \$6.50.

For a Succession of Tall Peas. we recommend the Gradus, Admiral Dewey, and we make the following special offers:

		By Mail		By Express at	
		Buyer's Expense		Buyer's Expense	
Succession Collection:	No. 8—One packet each of the above three	\$0	25	\$0	20
	No. 9—One pint	"	65	"	40
	No. 10—One quart	"	1 30	"	90
	No. 11—Two quarts	"	1 50	"	1 50
	No. 12—Four quarts	"	2 60	"	2 60
	No. 13—One peck	"	5 75	"	5 75

### VAUGHAN'S SWEET MARKET.

This follows immediately after Alaska, Maud S. and Nott's Excelsior, being ready to pick as soon as they are gone and continuing to bear longer than most varieties. Height, about 2½ feet. In productiveness it is excellent, a great many plants show more than 50 pods. In table quality, it is exceedingly sweet, leading most of the wrinkled kinds. In short, one of the best for home garden and market, while the pods stand shipping well. PRICE: By mail, pkt., 10c.; pt., 23c.; qt., 40c. By express, at buyer's expense, pkt., 10c.; pt., 15c.; qt., 25c.; 2 qts., 45c.; 4 qts., 80c.; pk., \$1.40; bu., \$5.00.

## PEAS—STANDARD VARIETIES

Each of the following, 10c. per large packet, postpaid. We furnish ½ pecks at peck rates, ½ bushels at bushel rates, except where marked. Those marked with (\*) are wrinkled varieties.

Height in inches.	Extra Early Varieties.	Pt.	Qt.	2 qts.	Pk.	Bu.
26	MAUD S.	\$0 15	\$0 25	\$0 45	\$1 35	\$5 00
28	Alaska, or Earliest of All	12	20	35	1 20	4 50
18	*Little Gem	15	30	55	1 80	6 75
16	*Extra Early Premium Gem	15	30	55	1 80	6 75
30	*First and Best	12	20	35	1 25	4 85
12	*Tom Thumb	15	25	45	1 35	5 00
14	*American Wonder	15	30	55	1 85	7 00
24	*Surprise	15	30	55	1 75	6 50

\*Thos. Laxton, see novelties.

### MAUD S. "Earliest in the World."

Early Peas are kept true, pure and uniform only by the most careful attention to "roguing" the growing crops, pulling out every plant not true to type. Of course the strain must be right at the start and then kept so. Our Maud S. is right, the earliest of the early round Peas, pure, uniform and even. It is a vigorous grower, vines about 30 inches high, while its uniformity of ripening makes it the most profitable Pea for the market gardener. There is no better Pea for first early than Maud S. for the market, while we would recommend for the home garden Nott's Excelsior or American Wonder, which do not yield quite so heavily, but are sweeter.

### DWARF TELEPHONE, OR DAISY.

The most productive of all large podded Dwarf Peas. This new Pea is a cross of Stratagem on Telephone and a most excellent sort. The vines grow about 16 to 18 inches high, are dwarf, stocky and vigorous, and bear a tremendous crop of large, well filled pods. The pods average from 5 to 5½ inches in length, containing 7 to 9 very large Peas of a light green color, which are tender and of sweet flavor when gathered young. The pods often contain as many as 10 peas. In season it is medium, being from 5 to 7 days earlier than Stratagem. Price: By mail, postage included, pkt., 10c.; pt., 23c.; qt., 45c. By express or freight, at buyer's expense, large pkt., 10c.; pt., 15c.; qt., 30c.; 2 qts., 50c.; ½ pk., \$1.00; pk., \$2.00; bu., \$7.50.

### SUCCESSION COLLECTION. NOTT'S EXCELSIOR DWARF TELEPHONE IMPROVED STRATAGEM

		By Mail		By Express at	
		Buyer's Expense		Buyer's Expense	
No. 1—One packet each of the three above		\$0	25	\$0	20
No. 2—One pint		"	70	"	45
No. 3—One quart		"	1 25	"	80
No. 4—Two quarts		"	1 50	"	1 50
No. 5—½ peck		"	2 80	"	2 80
No. 6—One peck		"	5 50	"	5 50
No. 7—One bushel		"	19 50	"	19 50

### PROSPERITY OR GRADUS.

A great extra early wrinkled Pea. This remarkable Pea is not only large and of the best quality, but it is nearly or quite as early as the small round, extra early sorts. It is sold under two names, but the two strains appear to be identical. It is hardy and may be planted as soon as the ground is fit to work in Spring, along with smooth Peas. Gradus is a wrinkled Pea with vine growing about 30 inches high. The pods are of a bright green color, and measure 4 inches or more in length, being as large as a Telephone and equally well filled with luscious Peas—8 to 10 or more in a pod. The Peas are a first-class table quality and retain their color and attractive appearance after cooking. It is a grand Pea in all respects. Price: By mail, postage included, pkt., 10c.; pint, 35c.; qt., 60c. By express, at buyer's expense, large pkt., 15c.; pint, 25c.; qt., 45c.; 2 qts., 85c.; 4 qts., \$1.65; peck, \$3.25; bushel, \$12.00.

### ADMIRAL DEWEY.

This is without exception the largest podded Pea in existence. It is a heavy cropper and of excellent quality; the pods are large, well filled with Peas of the largest size, tender and of the best flavor. Undoubtedly one of the best of the tall growing late peas. Price: by mail, postage included, pkt., 10c.; pint, 23c.; qt., 40c.; by express, pkt., 10c.; pint, 15c.; qt., 25c.; 2 qts., 45c.; 4 qts., 85c.; peck, \$1.60; bushel, \$6.00.

OUR PEA PRICES for packets only include postage, other prices are net. If to go by mail, add at the rate of 8c. per pint or 15 cents per quart for postage. "By freight or express" always means that the transportation charges are to be paid by the purchaser.

Height in inches.	Second Early Sorts.	Pt.	Qt.	2 qts.	Pk.	Bu.
24	*Yorkshire Hero	\$0 12	\$0 20	\$0 35	\$1 20	\$4 50
24	*Horsford's Market Garden	12	20	35	1 20	4 50
24	*McLean's Advancer	12	20	35	1 20	4 50
24	*Heroine	15	25	45	1 25	5 00

### General Crop and Late Varieties.

40	*TELEPHONE, selected stock	15	25	45	1 35	5 00
40	" Vaughan's Improved	15	30	50	1 60	6 00
36	Long Island Mammoth	12	20	35	1 20	4 50
20	*Pride of the Market	12	20	35	1 25	4 60
28	*Everbearing	12	20	35	1 25	4 50
42	*Champion of England	12	20	35	1 10	4 00
36	Black-Eyed Marrowfat	12	20	30	85	3 00
36	White Marrowfat	12	20	30	85	3 00
30	Dwarf Gray Sugar	20	35	60	1 85	....
50	Melting Sugar	20	35	60	2 00	....

CANADA FIELD PEAS, write for mkt. price.



# Two Splendid Peas for the Gardener

## THEY ARE MONEY MAKERS THE NEW SURPRISE PEA

### THE EARLIEST OF ALL THE SWEET WRINKLED PEAS.....

THIS remarkable new sort is a cross of Earliest of All and American Wonder, possessing the quality of the American Wonder and as early as the Earliest of the Hard Peas. The vines grow 24 inches high and need no bushing, the pods are well filled, containing 6 or 7 Peas. The Peas are not as large as those of the American Wonder but Surprise is a far better cropper and ready for market days before it. It was tested in the grounds of the "Rural New Yorker," and E. S. Carman wrote of it: "It is the earliest Pea we have ever tried." The editor of the "New England Farmer" writes: "Of 33 varieties on trial it was the first pick and the first to dry down." SURPRISE has the hardness of Earliest of All, it is a far better Pea and cannot be recommended too highly. Another very important feature of Surprise Pea is the fact that it is ordinarily not subject to mildew, and can therefore be planted again in August for a late crop, a point which market gardeners and private planters will appreciate. PRICE: Pkt., 10c.; pt., 15c.; qt., 30c.; 2 qts., 55c.; ½ pk., 95c.; pk., \$1.75; bu., \$6.50. If by mail add at the rate of 15c. per qt. for postage.

Earlier than American Wonder and Nott's Excelsior, and as Early as the Earliest of the Hard Round Peas.

## VAUGHAN'S IMPROVED TELEPHONE

### ONE OF THE BEST SORTS FOR EITHER HOME OR MARKET

THIS is an improvement on the regular Telephone, on the lines of purity and evenness of growth, greater vigor and productiveness, larger pods, deeper in color and more desirable in every way. The vines and leaves are large and coarse, the pods are large and are well-filled with large and tender peas, which are sweet and of excellent quality. The pods are of fine appearance, and with the fine quality of the Peas make it one of the best, if not the best, late Pea for the gardener. PRICE: Pkt., 10c.; pt., 15c.; qt., 30c.; 2 qts., 50c.; ½ pk., 95c.; pk., \$1.00; bu., \$6.00; if to go by mail add postage.



THE NEW SURPRISE PEA.

## PEPPER.

CULTURE:—See "Vaughan's Vegetable Garden"—A Copy of it Free to Buyers of Vaughan's Seeds.

### Vaughan's Improved Sweet Mountain.

It is a strong grower, very productive and of excellent quality. The peppers when young are of a bright deep green color, without any shade of purple; when ripe they are of a beautiful red; the flesh is thick, sweet and mild. They often grow 6 inches long by 4 inches through. Our strain has been selected with great care, and we know no better seed can be had. Lb., \$2.50; ¼ lb., 65c.; oz., 30c.; ½ oz., 15c.; pkt., 10c.

**RUBY KING.** Grows 4½ to 6 inches long, by 3½ to 4 inches thick. The Peppers are a bright ruby red; one of the best for stuffed pickles. The plants grow from two and a half to three feet in height, with fruits three to four inches in diameter at the shoulder. The flavor is so exceptionally sweet and mild that the fruits may be eaten raw like a tomato. The meat or walls are quite thick, crisp and tender. Lb., \$2.10; ¼ lb., 60c.; oz., 20c.; ½ oz., 12c.; pkt., 5c.

**CAYENNE PICKLING.** Of dwarf habit, and does not branch very much, but unlike the ordinary Cayenne, the peppers grow erect on the plant and are about 2½ inches long; just the right size for pickling. Oz., 25c.; ½ oz., 15c.; pkt., 10c.

**CHERRY.** A rank grower and very prolific, yielding about eight times as many peppers as Cayenne. Peppers are small and round, being a trifle larger than the ordinary cherry. This is also good for pickling. ¼ lb., 75c.; oz., 25c.; ½ oz., 15c.; pkt., 10c.

**LARGE BELL, OR BULLNOSE.** We have an extra choice stock of this old favorite sort. Lb., \$2.00; ¼ lb., 60c.; oz., 20c.; ½ oz., 12c.; pkt., 5c.

**SPANISH MONSTROUS.** Growing 6 to 8 inches long and 3 inches thick; early, very sweet and mild. Lb., \$2.00; ¼ lb., 60c.; oz., 20c.; ½ oz., 12c.; pkt., 5c.

**GOLDEN DAWN.** Lb., \$2.00; ¼ lb., 60c.; oz., 20c.; ½ oz., 12c.; pkt., 5c.

**RED CLUSTER.** Pungent. Oz., 25c.; pkt., 5c.

**CAYENNE LONG RED.** The true Cayenne, hot and pungent. Lb., \$2.50; ¼ lb., 75c.; oz., 25c.; ½ oz., 15c.; pkt., 5c.

**ELEPHANT'S TRUNK.** Peppers from 8 to 12 inches long, bright scarlet, mild. Oz., 30c.; ½ oz., 15c.; pkt., 5c.

**TABASCO.** The Tabasco Sauce has a national reputation for flavoring soup, oysters, meat, etc. The plants develop into large bushes bearing profusely the little bright-red peppers in sprays. A mature pepper measures about one inch in length. These peppers are extremely hot and fiery in flavor. Pkt., 10c.

**CELESTIAL.** Strong, erect, bush growth, two feet in height, very productive; conical fruits, stiffly upright, one and a quarter inches in height, of rich creamy tint, turning to scarlet when ripe. Per pkt., 5c.; oz., 25c.; ¼ lb., 75c.; per lb., \$2.50.

**PEPPERS, MIXED.** Includes many new and odd sorts. Pkt., 10c.; 3 for 25c.

**Fancy Wrinkled Sorts.** Most distinct and ornamental, small-fruited varieties. The small fruits are one inch long and the same in diameter. Of beautiful coloring and pungent flavor. Highly desirable for mixed pickles. Pkt., 10c.; oz., 30c.



VAUGHAN'S IMPROVED SWEET MOUNTAIN.

## "CHINESE GIANT."

Double the size of "Ruby King." Not only is it early in ripening and immensely productive for so large a pepper, but its enormous size will cause it to sell most readily. The monstrous fruits are of thick, blocky form and of most brilliant glossy scarlet. They grow four to five inches broad at the top, are of equal length, divided into four or more large ridges. All are uniformly of most "enormous" size. The flesh is extremely mild,—as sweet as an apple,—and unusually thick; it makes an excellent salad sliced and served like tomatoes. Pkt., 10c.; ½ oz., 20c.; ¼ oz., 35c.; oz., 60c.

GRUNDY CO., ILL.—I take pleasure in sending you a report on your apple-shaped Red Globe Onion. As to the shape, they grow mostly globular in form, of a bright red color and fine, large size. I like them fully as well as the Red Wethersfield, and they are just as early. Hope to send you a larger order next spring.

C. H. HADDEN.



RUBY KING.

## THE "ROSE"

### Mammoth Pepper.

The earliest, best and most profitable of all the large Red Peppers known. This seems like a rather broad statement, but our customers will find that we are not saying too much for it. It is a very large, handsome variety; the nose is very blunt and large, in many cases almost as large as the stem end. The plants grow about 2 feet high and are extremely prolific. The flesh is thick and mild. We strongly recommend it. Pkt., 10c.; 3 for 25c.; ½ oz., 30c.; 1 oz., 50c.



# Vaughan's Northern Grown Potatoes



VAUGHAN'S NEW "WHITE" OHIO.

## VAUGHAN'S NEW "WHITE" OHIO.

The Early Ohio has been said to be "the best Potato that grows in the ground." By growing it on new land in the far north, by planting only clean, well-shaped healthy tubers, we have in our Improved Early Ohio the best type of this variety now existing.

A western grower who has been using this Northern seed found, four years ago, a plant producing pure white Potatoes, identical in every way with the best of the old Ohio, except in color, which is a fine white. This entire stock we purchased two years ago and still practically control, in all less than four car loads. It has given the best of satisfaction the past season. For every locality where a white Potato is the popular market color, this new Ohio is bound to be a money-making "bread-winner."

**SWEET HOME.** A week earlier than Ohio. For quality and fine flavor it cannot be excelled; the tubers are of good size, few small ones, white and russety, form oval, much like Ohio, small eyes, a strong grower and abundant yielder.

**CARMAN No. 3.** This is Mr. Carman's grand success in a late main crop variety. In it he has succeeded in fixing those desirable points so valuable to every Potato grower. 1. Very large and handsome. 2. Remarkably productive. 3. All large tubers and compact in a hill. 4. High table quality, no hollow or hard core. Skin and flesh white, eyes few and shallow. Will keep without trouble until planting time.

**VAUGHAN'S EARLY ROSE.** This is a variety which needs no description. For the stock we offer, however, we do claim extra earliness and better crops than the old variety grown anywhere will produce.

**IRISH COBBLER.** Tubers beautiful white, skin netted, which indicates superior quality. Each tuber is distinctly marked with small white specks peculiar to that very earliest class comprising Ohio Junior, Early Market, and Early Ohio. Eyes strong and well developed, flesh white. Ripens with the Ohio, following the Acme about one week. You will not be disappointed in this Potato.

**KAISER KRONE.** Received certificate from the Society of Promotion of Horticulture in Prussia as the best novelty. Shape oval, skin somewhat rough, flesh white, eyes flat. Prefers a light soil.

**RURAL NEW YORKER No. 2** It is very large, usually smooth, with few and shallow eyes; form oblong, inclining to round, and rather flattened. Skin and flesh white, quality excellent, season intermediate. Tubers of great uniformity in size, almost every one marketable. It is taking a leading place as a standard field cropper.

**HEWE'S EARLY.** This new seedling is evidently a member of the Ohio family. It resembles the Acme and Early Six Weeks in habit of stalk and bloom. It is extremely early, very free from mixture with any other kinds. Planters whose soil and market use Potatoes of the Ohio class to advantage will make no mistake in planting this.

**SIR WALTER RALEIGH.** A seedling of Mr. Carman's, whose work on Potatoes has become famous. This new one is an improved Rural New Yorker No. 2. Yields almost all marketable sized Potatoes a little earlier and of better quality than Rural. Exceedingly fine grained and white fleshed, equaling the old Snowflake.

**WHITE MOUNTAIN.** Large, creamy white, medium late, very strong grower. At the New Hampshire Experiment Station, tested with 80 sorts, this was the first in size and the fifth in yield. It is undoubtedly a great yielder and of first-class table quality. Its strong growth of vines is a great protection against blight and bugs, and this makes a crop when other sorts fail.

All varieties are true to name and are grown from our own stock seed. We do not substitute or rename kinds in any case. Kindly mention your second choice in case we may be sold out of the kind wanted, if you order late.

The prices on our Potatoes are f. o. b. Chicago. If to be shipped from New York add 50 cents per barrel and 20 cents per bushel; peck and 1/4 peck prices are the same.

**VAUGHAN'S IMPROVED EARLY OHIO.** If we were inclined to multiply names of varieties we should, in justice to ourselves, give this strain a name to indicate its distinctiveness from the old Ohio, so well established and yet stands high as an early market variety where our Improved Ohio is not known. We have grown this improved strain for the past eight years, eliminated the split ends, which were so distinctive a mark of the old Ohio, and obtained tubers smoother skinned and more uniformly shaped than the original variety and increased its yielding qualities one-third, so that we now have the finest stock unmixed and genuine Improved Ohios in the country, very distinct from the usual commission house stocks. Eastern "Ohios" planted beside ours exhibited entirely different habit of growth, color of foliage and very much later in maturing. The value of the extra early crop makes cost of Vaughan's Northern Grown Seed a small consideration.

## PRIDE OF THE SOUTH, OR WHITE TRIUMPH.

Similar to its parent, the "Early Triumph," except in color. This Potato has been a very profitable crop for several seasons past and on request of many of our customers we grew a limited quantity of these. We are very much pleased with the results and can recommend it strongly.

**ENORMOUS.** Late, vines very healthy, stalks very tall and strong. Potatoes very large, oblong, and skin very white. Quite smooth, eyes medium depth. Tested by five Agricultural Colleges it averages to stand at the head in yield. Potato growers who plant largely can, we are satisfied, grow Enormous at a decided profit over most late sorts now on the market. Stock limited. Every potato grower should make a trial of the Enormous, which will prove the standard profitable late sort.

**KING OF MICHIGAN.** Raised by the Potato Specialist, Mr. Bovee. Tuber oblong, slightly flattened. Strong top growth covering the ground. Excellent yielder and of superior quality. Should become as popular as the Early Bovee.

	(Prepaid)			(At Buyer's Expense)				
	1 lb.	3 lbs.	1/2 pk.	pk.	1/2 bu.	bu.	bbl.	
Vaughan's White Ohio.....	\$0 25	\$0 60	\$0 35	\$0 60	\$0 90	\$1 75	\$4 25	
Sweet Home .....	20	50	30	45	80	1 50	3 75	
White Triumph, or Pride of the South .....	25	60	30	50	85	1 60	4 00	
Carman No. 3 .....	20	50	30	45	80	1 50	3 75	
Early Rose Minn. Grown Fine .....	20	50	25	40	75	1 40	3 50	
Irish Cobbler .....	20	50	30	45	80	1 50	3 75	
Kaiser Krone .....	20	50	30	45	80	1 50	3 75	
Vaughan's Improved Early Ohio Fancy .....	25	60	30	50	85	1 60	3 85	
Rural New Yorker No. 2 .....	20	50	30	45	80	1 45	3 65	
Hewes Early .....	25	60	30	50	85	1 60	4 00	
Sir Walter Raleigh .....	20	50	30	45	80	1 45	3 65	
White Mountain .....	25	60	30	50	85	1 60	4 00	
King of Michigan .....	30	75	45	75	.....	.....	.....	
Manus Enormous.....	40	90	60	1 00	.....	.....	.....	

The prices on our Potatoes are f. o. b. Chicago. If to be shipped from New York, add 50 cents per barrel, and 20 cents per bushel; peck prices and 1/4 peck prices are the same.

## Sweet Potatoes

Prices subject to change.	1 bu. Boxed.	Bu. Boxed.	Bbl.
Yellow .....	\$1 25	\$2 00	\$3 50
Red .....	1 45	2 50	.....
The African Bunch Yam (Vineless) scarce .....	1 75	3 00	6 50

Write for prices on 3 and 5 bbl. lots. 3 bbl. lots 25c. per bbl. less.

**HUMPHREY'S CONCAVE POTATO KNIFE.** Will cut to one or more eyes without injuring the vital tissues. Practical planters state that besides the quantity of seed saved, there is a gain in the product from a given weight of seed cut by this method. Each, 30c.; 3 for 75c., postpaid.



## Leggett's Little Giant Duster.

The best dry powder gun, can dust two rows at a time. Each, \$5.00.

## USE HAMMOND'S SLUG SHOT

to destroy Potato bugs. Price, 5 and 10 lb. packages, 6c. per lb.; 25 to 50 lbs. at 44c. per lb. By barrelful in bulk, 235 lbs., \$9.00 on cars; 3 bbls., in bulk, at \$3.60 per 100 lbs.

For Auto Spray, Eclipse and Knapsack Sprayers as well as Slug Shot, Bug Death and other Insecticides, see back of this catalogue.





### Vaughan's Sugar Pie Pumpkin.

This is the best of all Pumpkins for pies. The fruit is small to medium in size, flesh solid and fine grained and the seed cavity small; it is a splendid keeper. Lb., 80c.; ¼ lb., 25c.; 2 ozs., 15c.; oz., 10c.; pkt., 5c.

### PIE PUMPKIN, "CALHOUN."

It is medium in size, extraordinarily heavy and solid, very productive and of excellent quality. The outside is a cream color, while the flesh, which is very thick and fine grained, is a salmon-yellow and of superior quality. It is undoubtedly one of the best for pies. Lb., 80c.; ¼ lb., 25c.; 2 ozs., 15c.; oz., 10c.; pkt., 5c.

### LARGE SWEET OR MAMMOTH PIE PUMPKIN.

This is a Pumpkin which we came across at the Illinois State Fair in the Fall of 1902. We do not recognize it as a kind regularly sold by seedsmen. The exhibitor from whom we secured the seed we offer has taken first premium at the Illinois State Fair for the past five years for "Best Sweet Pumpkins." This Pumpkin has been grown in the same family for the past thirty-five years and it is undoubtedly one of the best for making pies or for stock feeding. The pumpkins grow to large size, up to 50 lbs. in weight, most of them averaging from 20 to 40 lbs. We feel perfectly safe in recommending this variety to all for a splendid pie-maker and also for stock feeding. Lb., \$1.25; ¼ lb., 40c.; 2 ozs., 25c.; oz., 15c.; pkt., 5c.



VICTORIA RHUBARB.

### MAMMOTH RHUBARB.

The most vigorous and productive variety known. The leaf stalks are numerous, the larger ones being 15 in. long and fully 1½ in. wide. It is the first article of the season from the garden, and no garden should be without it. Lb., \$1.50; ¼ lb., 45c.; oz., 15c.; pkt., 5c., postpaid.

**Rhubarb Roots.** Set in Spring they will furnish leaf stalks the following season.

**Victoria.** Clumps, Doz., \$1.50; each, 15c., not prepaid. Small roots, doz., \$1.00; each, 10c., by mail postpaid.

We can also supply for immediate effect extra large clumps at 25c. to 50c. each. These clumps are extra large and heavy and will be sent by express or freight (at buyer's expense).

SAGE. See page 17.

### SORREL.

Sauerampfer-Oseille.

Of the easiest growth. Sorrel is cultivated for its leaves, which possess a very fine flavor; boiled and served like Spinach. It also makes a delicious soup. Lb., \$1.00; ¼ lb., 30c.; oz., 10c.; pkt., 5c.



SORREL.

## Vegetable Gardening.

A MANUAL ON THE GROWING  
OF VEGETABLES  
FOR HOME USE AND MARKETING.

BY

SAMUEL B. GREEN,

Professor of Horticulture in the U. of M.

A \$1.25 BOOK  
FOR 65 CTS.

## PUMPKIN

### LARGE FIELD, OR "BIG TOM."

A very hardy and prolific variety, frequently grown among corn to make a crop of Pumpkins for feeding to dairy stock; it also makes excellent pies. Vines are strong, vigorous and wonderfully prolific. Fruits will average fifteen to twenty inches in diameter. Smooth, hard, reddish-orange skin, with rich orange-yellow flesh. Lb., 45c.; ¼ lb., 15c.; oz., 10c.; pkt., 5c.; postpaid. By express, 35c. per lb.; 5 lbs. at 30c. per lb.; 10 lbs. or more at 25c. per lb.

	Pkt.	Oz.	¼ Lb.	Lb.
Large Cheese.....	\$0 05	\$0 10	\$0 15	\$0 50
Japanese Pie—Crop failed....	.....	.....	.....	.....
Golden Oblong.....	05	10	20	60
Sweet Potato.....	05	10	25	70
Large Tours or Mam. French	05	10	20	60

**Mixed.** All above varieties in one package, 10c.

**Mixed, Largest Varieties.** Lb., \$1.00; ¼ lb., 30c.; oz., 10c.; pkt., 5c.

### Winter Queen, or Winter Luxury.

This is an improvement of the old, well-liked Sugar Pumpkin, and is admitted by all who have grown it to be one of the very best pie pumpkins. Its size is about nine or ten inches in diameter. In color a beautiful, deep orange-yellow, with a very close netting, almost as russeted as a potato. It is a good Winter keeper. Lb., 80c.; ¼ lb., 25c.; 2 ozs., 15c.; oz., 10c.; pkt., 5c.



### MAMMOTH PRIZE PUMPKIN.

The flesh and skin are of a bright golden-yellow color. Flesh fine grained and of excellent quality. Notwithstanding its enormous size, it is one of the very best pie pumpkins ever grown, and a splendid keeper. This enormous variety has been grown to weigh 200 lbs. Lb., \$1.80; ¼ lb., 50c.; 2 ozs., 38c.; oz., 20c.; pkt., 10c.

### QUAKER PIE PUMPKIN.

This is of a peculiar form, being unlike any other; it is oval and tapers toward each end. It is of a creamy color, both inside and out. The vines are very hardy and prolific. It is early and keeps late. Its chief value is for "Pumpkin Pies." Being fine grained and rich flavored, it makes a superior quality of pies. By being stored in a warm dry place, the pumpkins can be preserved until late in Winter. Lb., \$1.00; ¼ lb., 30c.; oz., 10c.; pkt., 5c.

### SALSIFY OR OYSTER PLANT.

Haferwurz.

Generally known as the Oyster Plant, We esteem this to be a much better root for table use than the Parsnip or Carrot. Some persons have been skeptical as to its possessing an oyster flavor, as it seldom attains true taste until, like the Parsnip, it has been well frosted. But if dug up during thaws in the Winter and early in the Spring and boiled like carrots or parsnips, or half boiled and grated fine, made into balls, dipped into a batter and fried like oysters, it is a very good substitute for the shell-fish itself

**Long White Salsify.** Lb., 80c.; ¼ lb., 25c.; oz., 10c.; pkt., 5c.

### Sandwich Island Mammoth

**Salsify.** Grows uniformly to an extra large size, averaging fully double the size and weight of the roots of the old variety. The roots, notwithstanding their size, are of superior quality and very delicate flavor. Lb., \$1.10; ¼ lb., 35c.; oz., 15c.; pkt., 5c.

### Scorzonera, or Black Salsify.

(Schwartzwurz.) Treatment same as Salsify, which it closely resembles, except that the skin is black. Soak in water a few hours before cooking to remove the bitter taste. ¼ lb., 40c.; oz., 15c.; pkt., 5c.

### RAMPION.

Raiponce. Repouche. Rapunzel Rube.

Sow in the open ground early in May, either broadcast or in drills 10 inches apart. As the seed is very fine, it merely requires to be pressed firmly into the soil. Thin out the seedlings if they come out too thick, and water frequently during hot weather. The roots may be gathered for use from October onward throughout the Winter. The roots and leaves are excellent as salad. Pkt., 10c.; ½ oz., 15c.; oz., 30c.; 2 ozs., 55c.

MAMMOTH SANDWICH ISLAND SALSIFY.

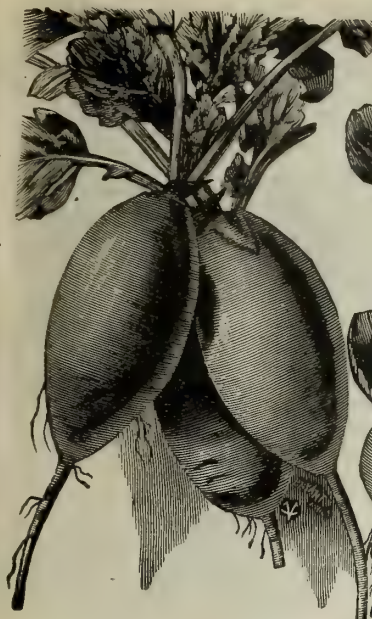


FULTON CO., ILL.—The Corn, Imp. Champion we consider a success. It is all you claim for it. We have planted your seeds ten years, and although we have also tried other reliable firms, have found none better than yours.

MRS. L. MERRILL.



# Vaughan's Radish



VAUGHAN'S TWENTY-DAY RADISH.



VAUGHAN'S EARLIEST CARMINE TURNIP.



VAUGHAN'S EARLY SCARLET GLOBE WHITE TIP.



ICICLE—THE QUICKEST LONG WHITE RADISH.

## VAUGHAN'S "20-DAY" RADISH.

### THE QUICKEST OF ALL RED RADISHES.

Quick growth is one of the main essentials for a crisp and tender Radish. This matures in 20 days after sowing, which makes it one of the most valuable sorts for forcing or outdoor culture. The flesh is pure white, crisp and of very pleasant flavor; the skin is a most attractive bright scarlet. The leaves are very short, which admits of very close sowing. **Lb., 75c.; ¼ lb., 25c.; 2 oz., 15c.; oz., 10c.; pkt., 5c.**

## VAUGHAN'S EARLY SCARLET GLOBE WHITE TIP.

**THE BEST AND QUICKEST OF THE WHITE TIPS.** An extremely quick-growing sort; bright scarlet, with a white tip; short tops and thin tails; of excellent quality. **Lb., 80c.; ¼ lb., 25c.; 2 oz., 15c.; oz., 10c.; pkt., 5c.**

**EARLIEST WHITE.** This is not only the earliest of any color, good sized Radishes having been pulled in from 15 to 18 days after sowing. The Radishes are pure white, oblong, crisp and tender. The tops are small, which renders them suitable for forcing and admits of close planting. **Lb., 70c.; ¼ lb., 25c.; oz., 10c.; pkt., 5c.**

## EARLIEST WHITE TURNIP, SHORT TOP

(White Box.) Of quick growth; roots round, pure white; tails very thin; leaves short, flavor excellent. Fine for forcing and open ground. **Lb., 60c.; ¼ lb., 20c.; oz., 10c.; pkt., 5c.**

**TRIUMPH.** This Radish is both unique and useful. It is very early, being a "Twenty-Day" Radish, of globular form and its tops are very short, which makes it valuable for cultivation under glass. The flesh is very crisp and solid and of mild flavor. The ground color is pure white, striped horizontally with bright scarlet. It is a most attractive ornament for the table, and market gardeners will find ready sale for it. **Lb., \$1.75; ¼ lb., 50c.; 2 oz., 25c.; oz., 15c.; pkt., 5c.**

**ALL SEASON RADISH.** Without doubt the finest of its class. It may be sown from Spring until Autumn, and the roots obtained from late sowings can be kept in storage for Winter consumption. As its name indicates, it is an all-season's sort and can be used in all stages, from the size of a marble until full grown. The root is round, of brilliant scarlet color, grows to a very large size and remains firm and brittle to the end. The best radish for all purposes. **Pkt., 5c.; oz., 10c.; ¼ lb., 20c.; 1 lb., 65c.**

## SEEDS ARE DIFFERENT

from other merchandise. The real value of Seeds can only be known after months of labor. Buy your seeds of a reliable seed house with a reputation back of it. Seeds of real merit must be grown and sold by practical, trained seedsmen, with a reputation made and to be maintained.



SCARLET TURNIP, WHITE TIP. The favorite in the Chicago market.



TRIUMPH—SCARLET AND WHITE.



IMPROVED EARLY SCARLET GLOBE. (See back cover.)

**ICICLE.** Entirely distinct, long, slender, pure white. Very early, the earliest and finest long white. It is ready for use fully as early as the Long Scarlet Short Top, with less foliage, rendering it most desirable for forcing. In the open ground the roots continue brittle, crisp and mild, until they are fully as large as those of the Long Cardinal. It is ready for use following the olive-shaped Earliest White, and is destined to become a leading variety. The Icicle is perhaps superior to the finest red ones. Roots pure snowy white, four inches in length and half an inch in diameter; they retain their crispness and fresh, mild flavor until fully six inches long and an inch in diameter. **Lb., 70c.; ¼ lb., 20c.; oz., 10c.; pkt., 5c.**

## SCARLET TURNIP, WHITE TIP.

### VAUGHAN'S SELECTED STOCK.

For outdoor sowing this is the most important sort in the Chicago market, thousands of pounds being annually used. Our stock of this is the best. Some years ago we secured stock seed of just the kind that was wanted by the most critical hotel and grocery trade, and had it grown for us by the most careful grower in France, paying him an extra price for special and critical selection. All our seed is raised from transplanted roots, and is just right in color, size and shape. We have many customers who buy from 25 to 100 lbs. of this, always insisting to get "as good seed as they had last year." **Pkt., 5c.; oz., 10c.; ¼ lb., 20c.; 1 lb., 55c.; 5 lbs., \$2.00.**

## VAUGHAN'S EARLIEST CARMINE TURNIP. THE BEST AND QUICKEST EARLY SCARLET TURNIP RADISH.

Of extremely quick growth, maturing in about three weeks. Leaves very short, rendering them particularly adapted for forcing under glass; of superior flavor, crisp and tender; skin deep carmine red; very attractive. Also a splendid sort for the home garden. **Lb., 75c.; ¼ lb., 25c.; 2 oz., 15c.; oz., 10c.; pkt., 5c.**

## IMPROVED BREAKFAST.

Its color is very deep, glossy crimson. The white is well defined and contrasts very pleasingly with the deep red of the upper part. One of the best early Radishes for family use. **Lb., 65c.; ¼ lb., 20c.; oz., 10c.; pkt., 5c.**

## SHORT-LEAVED FORCING.

### AN 18-DAY RADISH.

The extra early forcing Radishes lately introduced are remarkable for the small size of their leaves; they develop their roots in so short a time that the latter are practically in advance of the leaves. The character is still more noticeable in this new variety. The seed leaves, which assume a great development from the start, are the only green parts to be seen on the plants until the bulbs are almost large enough for pulling. Only at that time one or two short leaves are produced. The roots are of the shape and color of our "Twenty-Day" Radish. **¼ lb., 60c.; oz., 20c.; ½ oz., 12c.; pkt., 5c.**



## OUR 50c. BARGAIN VEGETABLE SEEDS

One pkt. each of the following,  
our selection of sorts :: :: ::

STRING BEANS,	LETTUCE,
DWARF PEAS,	PARSLEY,
SWEET CORN,	CARROT,
BEEF,	ONION,
CUCUMBER,	TOMATO,
RADISH,	SWISS CHARD.

**12 Pkts.** of Best Vegetables **for 50c.**

Retail Value 75c.

**A Complete Vegetable Garden for 50c**

### Half-Long Black Winter.

An American sort of the same general character as the Long Black Spanish; but by many considered superior to either the Round or the Long Black Spanish. It is intermediate in shape between the two, and seems to combine the good qualities of both. Pkt., 5c.; oz., 10c.; 2 oz., 15c.; ¼ lb., 20c.; lb., 60c.

**Please Remember!** Our Radish seed is saved from selected, transplanted roots, and it costs more to raise Radish seed if grown in that way than if seed is drilled and no selection is made.

## SPINACH

Special Prices for Large Lots.

**EXTRA LARGE, ROUND LEAF.** Our stock is very fine and select. 100 lbs., \$12.00; 10 lbs., \$1.30; 5 lbs., 75c.; lb., 20c., by express. Lb., 30c.; ¼ lb., 12c.; oz., 5c., by mail.

**PRICKLY SEEDED.** Very hardy; good for Fall sowing. Lb., 40c.; ¼ lb., 15c.; oz., 5c., postpaid.

**LONG STANDING.** Slow going to seed. 100 lbs., \$12.00; 10 lbs., \$1.30, by express. Lb., 30c.; ¼ lb., 12c.; oz., 5c., postpaid.

**MONSTROUS-LEAVED VIROFLAY.** Quick, strong growth; much used by New York truckers. 10 lbs., \$1.40, by express. Lb., 30c.; ¼ lb., 12c.; oz., 5c., postpaid.



### VAUGHAN'S NORFOLK SAVOY SPINACH.

This is the variety so highly prized by the large planters about Norfolk, Va. The leaves, remarkably thick and blistered, extremely hardy, do not settle in the barrel in shipping as do the other varieties. No seed has caused planters more dissatisfaction than spurious varieties of this, whole crops having been plowed under or abandoned because they were not of the proper kind. Our strain has secured the trade of the largest and best growers in the country. Lb., 35c.; ¼ lb., 12c.; oz., 5c., postpaid. By express, lb., 25c.; 5 lbs., 85c.; 10 lbs., \$1.40; 25 lbs., \$3.25; 100 lbs., \$12.00.

**OUR PRICES** On pounds include postage. If sent "by express," customer paying charges, 10 cents may be deducted from the single pound rates.



## RADISH



**THE CINCINNATI MARKET.** The tops of this new Radish are very small and may stand much closer in the rows than Wood's Early Frame or Long Scarlet, without danger of running to seed. They grow straight and smooth and from six to seven inches long. The flesh is very tender, crisp and delicious, never becoming pithy or hollow. The skin is very thin and is of an attractive, bright scarlet color. Lb., 60c.; ¼ lb., 20c.; oz., 10c.; pkt., 5c.

**VAUGHAN'S MARKET.** The best early Long White Radish, exceedingly tender and fine flavored. Half-long white Radish resembling the Strassburg in size, but of quicker growth; very smooth and regular in appearance, with pure white skin and exceedingly delicate and brittle. Lb., 80c.; ¼ lb., 25c.; oz., 10c.; pkt., 5c.

### BRIGHTEST LONG SCARLET, OR CARDINAL.

The handsomest and earliest Long Radish. This new sort resembles the Early Long Scarlet in shape and is fit for use in 25 days after sowing. Its color is the brightest scarlet we have ever seen in any radish; the tails are tipped white. This sort outsells any other long Radish put in competition with it on the market, and is an extra fine sort for the home garden; best quality. Lb., 60c.; ¼ lb., 20c.; oz., 10c.; pkt., 5c.

### EARLY LONG SCARLET, Short Top.

The standard long variety for market and home garden. Roots long, growing partly above ground, straight, smooth, rich scarlet color; very crisp and a quick grower. Our seed is specially selected. Lb., 60c.; ¼ lb., 20c.; oz., 10c.; pkt., 5c.

### LONG WHITE VIENNA.

One of the finest of long white Radishes. Snow white, very brittle and crisp; of beautiful shape and rapid growth. Lb., 60c.; ¼ lb., 20c.; oz., 10c.; pkt., 5c.



### PRICES PER PACKET 5 CENTS FOR ANY OF THE FOLLOWING RADISHES:

	Oz	¼ lb.	Lb.
Ne Plus Ultra. Rich scarlet Turnip shape, good forcer.....	\$0 10	\$0 20	\$0 55
Early Deep Scarlet Turnip. The old stand by.....	10	20	50
Olive-Shaped Deep Scarlet. Similar to our "20-Day".....	10	20	60
Olive-Shaped White.....	10	20	55
Half-Long Deep Scarlet.....	10	15	50
French Breakfast. Quick and handsome.....	10	20	60
Mixture of Turnip and Olive-Shaped Varieties.....	10	20	55
Early White Stuttgart. We have an extra selected stock.....	10	20	55
Yellow Summer Turnip.....	10	20	55
Golden Yellow Summer Turnip.....	10	20	60
Early Wood's Frame. A very good early long scarlet.....	10	15	50
Improved Chartier's. Long scarlet, with a white tip.....	10	15	50
Long White Strassburg. Best market gardener's stock.....	10	20	55
California Mammoth White Winter.....	10	20	70
Rose or Scarlet China Winter.....	10	20	60
Long Black Spanish.....	10	15	50
Round Black Spanish.....	10	15	50
Chinese Mammoth, or Celestial.....	10	30	1 00
Long White Spanish Winter.....	10	15	50

**VICTORIA SPINACH.** The foliage is heavy, the broad, dark green leaves being of the true Savoy appearance, and are of the finest quality, but the feature that makes it of special use for market and family gardens is that it is in prime condition from 2 to 3 weeks after all other varieties have run to seed. Lb., 30c.; ¼ lb., 12c.; oz., 5c., postpaid. By express, lb., 20c.; 5 lbs., 70c.; 10 lbs., \$1.25; 25 lbs., \$2.75; 100 lbs., \$10.00.

**NEW ZEALAND SPINACH.** This sort is grown to supply the place of the ordinary Spinach during the hottest months of the year, or in dry, arid localities, where the ordinary Spinach does badly. The leaves are eaten boiled like those of the other kinds. Lb., 70c.; ¼ lb., 20c.; oz., 10c.; pkt., 5c.

**THE BEST IS THE CHEAPEST.** Therefore buy Vaughan's Seeds and be assured of a good garden and an abundant harvest before you sow a seed.

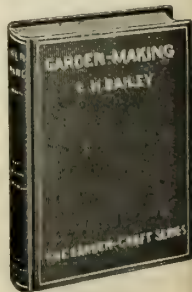
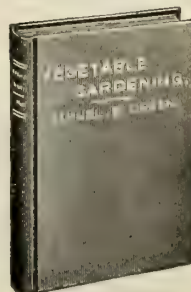
### VEGETABLE GARDENING.

A manual on the growing of vegetables for home use and marketing, by Samuel B. Green, Professor of Horticulture, U. of Minn. Revised Edition. Regular price, \$1.25. Our price, 65c. Every gardener and private planter should have this book; it will pay for itself the first Summer.

### GARDEN MAKING.

By Prof. Bailey.

The most up-to-date book on general gardening. A \$1.00 book for 65c., or by mail postpaid, 70c.





## SQUASH



RED OR GOLDEN HUBBARD.

### Vaughan's Giant Summer Crookneck

Select stock. Our stock of this is as pure as we have seen, and the product is as near perfection as squashes can be. Lb., \$1.00; ¼ lb., 30c.; oz., 10c.; pkt., 5c.

### Giant White Summer Crookneck.

In size and shape it is similar to the old Summer Crookneck, but averages a little larger. The skin is a very beautiful ivory-white color. It makes one of the most attractive and beautiful of Summer vegetables and is the most tender and best flavored of Summer Squashes. Lb., 75c.; ¼ lb., 25c.; oz., 10c.; pkt., 5c.

**FORDHOOK.** It ripens early, and is one of the best keepers we know of. It can be kept all through the Winter until June. It is very prolific, and bug and borer proof. Lb., \$1.10; ¼ lb., 30c.; oz., 10c.; pkt., 5c.

**DELICATA.** Orange-yellow, splashed and striped with very dark green. The quality is rich and dry, wonderfully solid and heavy. For private use particularly we can recommend this squash, as it far surpasses in richness of flavor any of the large sorts. Lb., 75c.; ¼ lb., 25c.; 2 oz., 15c.; oz., 10c.; pkt., 5c.

### DELICIOUS BUSH FORDHOOK.

SEE NOVELTIES.

### CHICAGO WARTED HUBBARD.

VAUGHAN'S SELECTED STOCK.

Our strain of the above will produce mainly the type shown in our photo-engraving, which we consider the **Ideal Hubbard** for home or for market. For thirty or forty years this Squash has ranked first for a Winter keeper. It is shipped thousands of miles in carload lots from west to east every year. With the growing of it in a large way, it was found that the largest, heaviest, dark, rough-skinned specimens are most valuable and most salable. Because of this our selection of Chicago Warted Hubbard has been made. Lb., \$1.10; ¼ lb., 35c.; oz., 10c.; pkt., 5c. By express, lb., \$1.00; 5 lbs., \$4.50.

**HUBBARD.** An extra choice selection. None better in the market. Lb., \$1.00; ¼ lb., 30c.; oz., 10c.; pkt., 5c.; 5 lbs., \$4.00.

### SWISS CHARD BEET, OR SUMMER SPINACH.

A distinct vegetable and far superior to the common Beet for greens and equal to Spinach. Sown early in the Spring, in rows 16 inches apart, and the seedlings afterward thinned out to 6 inches in the rows, it makes rapid growth of leaves, and is fit for use for greens sooner than any other variety. For Summer use we consider it superior to Spinach, because it can be cut throughout the entire Summer and Fall, when no Spinach is to be had. It is of almost the same flavor and it is much easier to wash and prepare for the table, a fact which every housewife knows how to appreciate. Later the leaves grow very large, with broad, flat, beautifully white, wax-like stems and mid-ribs, which may be cooked like Asparagus, or made into most attractive pickles. Lb., 60c.; ¼ lb., 20c.; oz., 10c.; pkt., 5c.

No vegetable requires less care than this, and it is safe to say that none yields as constantly as this Spinach, producing uninterruptedly from July until Fall.



### MAMMOTH WHITE BUSH.

Our seed of this has been carefully selected by a reliable market gardener for a number of years. A very select and profitable strain for market. Lb., 85c.; ¼ lb., 25c.; oz., 10c.; pkt., 5c.

### MAMMOTH GOLDEN BUSH.

Early, pale yellow, very handsome and uniform. Our strain of this is the best of all the very early squashes. Lb., 85c.; ¼ lb., 25c.; oz., 10c.; pkt., 5c.

### FAXON'S BRAZILIAN.

It is remarkably prolific in habit; quality, dry and rich, without regard to the size, coloring or time of ripening of the fruit—something entirely different in this respect from any other Squash. Its valuable points are "earliness, long-keeping and high table qualities." We are recommending it to all for general use in the home garden. Lb., 75c.; ¼ lb., 25c.; oz., 10c.; pkt., 5c.



CHICAGO WARTED HUBBARD SQUASH.



SWISS CHARD, OR SUMMER SPINACH.



CHICAGO ORANGE MARROW SQUASH.

### CHICAGO ORANGE MARROW.

It is at least ten days earlier than any other long-keeping sort. It grows as large as the Hubbard, and is of a good quality. It is in season from September to January, and is the most salable kind during that time in the market. This is owing to its smooth and handsome shape, good size and orange skin. We know that it will satisfy all. Lb., 70c.; ¼ lb., 20c.; oz., 10c.; pkt., 5c. By express, lb., 60c.; 5 lbs., \$2.80; 10 lbs., \$5.50.

### THE "GOLDEN BRONZE."

The Squashes average from 8 to 10 lbs.; color, a dark grayish green, flesh bright golden yellow, fine grained, very sweet and of delicious flavor. Early in maturing, a splendid keeper and very uniform in size and shape. Lb., \$1.35; ¼ lb., 40c.; 2 ozs., 25c.; oz., 15c.; pkt., 10c.

### HARD SHELLED MARROW.

The fruit is very large, oval, deep orange red color, and though quite smooth has as hard a shell as the Hubbard. The flesh is very thick, rich orange-red color and has no equal for making pies, having a peculiar flavor and quality similar to, but much finer than that of the choicest pumpkin. Lb., \$1.35; ¼ lb., 40c.; 2 oz., 25c.; oz., 15c.; pkt., 10c.

### BOSTON MARROW.

This is a widely popular Squash for Autumn and Winter use. Its color is a bright orange. Flesh yellow, rich and sweet. Form oval, the skin is thin, but it is a good keeper and unexcelled for pies. Lb., 80c.; ¼ lb., 25c.; oz., 10c.; pkt., 5c.

### VEGETABLE MARROW.

Fine for cooking. The light yellow skin is very thin; flesh salmon. A good winter keeper. Shape quite similar to Golden Oblong Pumpkin. Lb., \$1.10; ¼ lb., 35c.; oz., 15c.; pkt., 5c.

### RED OR GOLDEN HUBBARD.

A perfect type of the Green Hubbard, except in color, which is a bright, deep orange-yellow, very showy and attractive. Flesh deep golden yellow, much richer in color than Hubbard, fine grained, cooks very dry, and is of excellent flavor. Its keeping qualities are fully equal to, while in productiveness it far exceeds the Green variety. Lb., \$1.00; ¼ lb., 30c.; oz., 10c.; pkt., 5c.

### STANDARD SORTS.

Essex Hybrid, Early White Bush,  
Marblehead, Early Yellow Bush,  
Summer Crookneck, Straightneck.  
Each, per pkt., 5c.; oz., 10c.; ¼ lb., 25c.; lb., 80c.

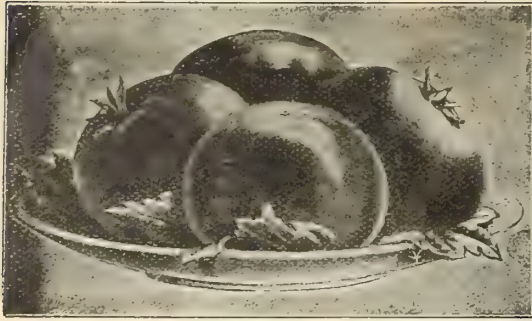
### "LUCULLUS," GIANT PERPETUAL SPINACH BEET.

Of gigantic growth, producing an abundance of large, moss-curl leaves. This new Summer Spinach should be planted by every one. Spinach is such a favorite with everybody, and this fine new vegetable will furnish it from early Spring until late in the Fall. The ribs of this kind are very broad and can be served as asparagus. Pkt., 10c.; 3 for 25c.

**SCOLYMUS.** A vegetable from Spain. The roots resemble a small Parsnip, and will keep through the winter like a Turnip. It is cultivated exactly like the Carrot, except that it should be grown in rows 3 feet apart and 18 inches in the rows. It is eaten boiled, like Salsify. Pkt., 10c.; ¼ oz., 15c.; oz., 30c.; 2 oz., 50c.



## VAUGHAN'S



## ACME.

Vaughan's Selected Stock.

One of the most popular kinds on our list, giving entire satisfaction. A favorite everywhere; large, round, smooth, alight purple tint; one of the best. Our seed has been grown with particular care, and we know there is none better.

Lb., \$2.20; ¼ lb., 60c.; oz., 20c.; ½ oz., 12c.; pkt., 5c.

**BEAUTY.**—The Smoothest and Best of the Large Purple Sorts. Vines large, vigorous and heavy bearers; fruit large, uniform in size, very smooth, color of skin purplish-pink; flesh light pink and of excellent flavor. Lb., \$2.00; ¼ lb., 60c.; 2 oz., 35c.; oz., 20c.; ½ oz., 12c.; pkt., 5c.

**PERFECTION.**—Solid flesh, always smooth and of blood-red color. This is a general favorite, equally desirable for the home garden, for shipping and for canning. We have an exceptionally choice stock of this sort. Lb., \$2.00; ¼ lb., 60c.; oz., 20c.; ½ oz., 12c.; pkt., 5c.

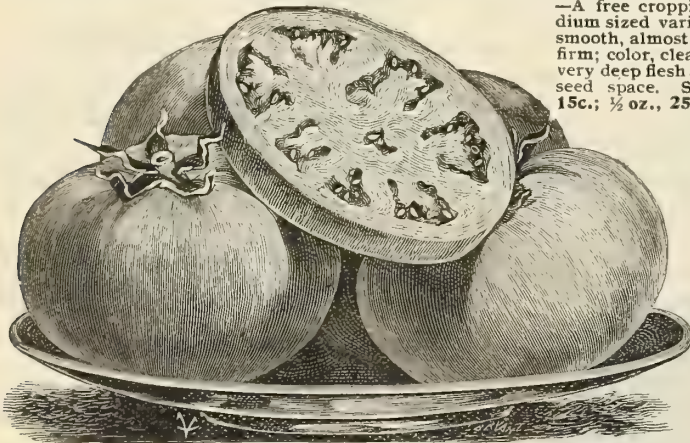


## Sutton's Best of All.

One of the very best for under glass culture. It sets very freely and is an immense cropper, producing heavy bunches of fruit at short intervals all over the plant. Color, a deep scarlet; of good size and the fruit very solid and producing very little seed. Pkt., 10c.; ½ oz., 25c.; oz., 50c.

## Frogmore Selected Forcing.

—A free cropping, free setting medium sized variety, very uniform and smooth, almost round, solid and very firm; color, clear bright scarlet, with very deep flesh and remarkably small seed space. Selected seed. Pkt., 15c.; ½ oz., 25c.; oz., 50c.



HONOR BRIGHT. (Best Selected Stock.)



## TOMATO SEED

SEE ALSO NOVELTIES.

EARLY DWARF CHAMPION,  
or Tree Tomato.

A great favorite; its dwarf habit and upright tree-like growth permit close planting. Resembles the Acme, and is hard to beat for home use. Color purplish pink; smooth and symmetrical; fine quality and solid meat. This is the kind gardeners should grow who sell Tomato plants. Its stocky, tree-like growth makes most salable plants, out-selling other kinds of lanky, scraggly growth. Lb., \$3.00; ¼ lb., 80c.; oz., 30c.; ½ oz., 15c.; pkt., 5c.

## NEW DWARF SCARLET CHAMPION.

In every way like the above, but the fruit is scarlet instead of purple. Pkt., 10c.; ½ oz., 20c.; oz., 30c.

## ATLANTIC PRIZE.

It follows closely Vaughan's Earliest of All, and comes in advance of such standard kinds as Acme, Beauty, etc. It bears in clusters, is of good size, smooth, round and of a fine scarlet color. Choicest seed from specimen fruits. Lb., \$2.00; ¼ lb., 65c.; oz., 20c.; ½ oz., 12c.; pkt., 5c.

## VAUGHAN'S EARLIEST OF ALL.

Vaughan's selected strain. The earliest good Tomato. We have found it absolutely the earliest of 200 kinds; it is of medium size only and is somewhat wrinkled, hence cannot be planted largely for market, as it will not sell with main crop varieties when they come; but it certainly should be used in a small way by every planter for a first early. ¼ lb., 90c.; oz., 30c.; ½ oz., 15c.; pkt., 10c.

HONOR BRIGHT. The best for late crop  
and distant markets.

An enormous bearer of uniformly good fruit. This, when allowed to ripen on the vine, is of excellent quality, and when ripened off the vine, while in transit to some distant market, or on shelves in the house after frost has killed vines, is of better quality than that of most kinds so ripened. Lb., \$2.60; ¼ lb., 70c.; 2 oz., 40c.; oz., 25c.; ½ oz., 15c.; pkt., 5c.

## CREAM CITY. The First Large Tomato to Ripen.

Remarkably prolific; flesh thick and solid. In this new Tomato we have a variety of exceptional merit, coming into use about a week earlier than Acme. It is perfectly smooth and always round, and as large as Perfection. The plants are strong and vigorous, bearing an abundance of large, smooth fruit of a beautiful purplish crimson color, similar to Acme. The flesh is remarkably thick, firm and solid, and of very fine quality, with very few seeds. It is an excellent shipper. Does not crack or rot, as is the case with many of the old sorts. The Cream City is the most profitable tomato for the market gardener and trucker, and is unsurpassed for canning purposes. Pkt., 10c.; 3 for 25c.; ½ oz., 30c.; 1 oz., 50c.; 2 ozs., 80c.

## THE NEW STONE.

VAUGHAN'S IMPROVED STRAIN.

The Tomato for a Main Crop. Choicest seed. We call this the king of the Livingston kinds, which are the best types of large, smooth, solid, "beefy" Tomatoes. If asked to select one main crop, market sort, we advise this. Color finescarlet, stem (calyx) set high, core small and shallow, so that but little is lost when it is taken out of the fruit before slicing. We want to make what we say of this kind definite, because there are very many good kinds and a long list is confusing. If in doubt, buy the New Stone for market, or home use for that matter. Lb., \$2.10; ¼ lb., 65c.; oz., 25c.; ½ oz., 15c.; pkt., 10c.

## "MAGNUS."

This new variety, of the color of Beauty and Acme, is thicker, heavier and more solid than either, making it easily the most handsome sort in cultivation. It is unsurpassed in quality, and in the production of large, large fruits. While perfectly adapted to main crop planting, yet it matures so quickly that it will take first rank for early market. The form is perfect, uniform, large and attractive. Flesh is very firm. It is a robust grower, with short joints, setting its fruit clusters closer together than most varieties, and is therefore a heavy cropper. The fruits are very deep from stem to blossom end, many of them being almost globe shaped. It ripens evenly, does not crack about the stem, and the flavor is most desirable. It has been tested for several years for staking up in the open field, as well as for forcing in greenhouses, and it is splendidly adapted to such purposes. Lb., \$3.00; ¼ lb., 85c.; 2 oz., 50c.; oz., 30c.; ½ oz., 15c.; pkt., 10c.



## TOMATO. Continued.

### Early Michigan.

There is no better variety than this for the general market or family use. For smoothness and regularity of shape, uniformity of size, color, and freedom from rot or cracking, this variety is unsurpassed. Its first fruits are very early, but the vines continue to bear for a long time. Vines large, with large, dark green leaves, vigorous and wonderfully productive, being under high culture, one of the heaviest croppers; fruit medium size to large, and unlike most varieties, grows larger as the season advances, perfectly smooth; solid, but without any core; deep, rich, red color, and of excellent flavor. This kind is admirably adapted to canners' use. Lb., \$2.60; ¼ lb., 75c.; 2 ozs., 45c.; oz., 25c.; pkt., 10c.



DWARF ARISTOCRAT.

This Tomato is not only remarkable for its earliness, but for its very large size, handsome shape and bright red color. Its solidity and fine quality are quite equal to the best medium and late sorts. From less than 4,000 hills the originator realized from his first pickings \$725.00 clear of freight and commission being in the market fully a week before all others. Lb., \$6.50; ¼ lb., \$1.15; ozs., \$1.00; oz., 60c.; ½ oz., 35c.; pkt., 10c.

### Spark's Earliana.

The Earliest Large, Smooth, Red Tomato.

This Tomato is not only remarkable for its earliness, but for its very large size, handsome shape and bright red color. Its solidity and fine quality are quite equal to the best medium and late sorts. From less than 4,000 hills the originator realized from his first pickings \$725.00 clear of freight and commission being in the market fully a week before all others. Lb., \$6.50; ¼ lb., \$1.15; ozs., \$1.00; oz., 60c.; ½ oz., 35c.; pkt., 10c.

**Dwarf Aristocrat.**—This is practically a red variety of the Dwarf Champion. In size, solidity, productiveness and flavor it is up to the best standard. It will be found good under glass and for early market out of doors. It may be planted 3x3 feet or even closer, making it suitable for small gardens. Lb., \$2.75; ¼ lb., 75c.; oz., 25c.; ½ oz., 15c.; pkt., 5c.

**Crimson Cushion, or Beefsteak Tomato.**—Fruit very large, round and regular; bright scarlet color; flesh solid and of best quality; cells small and few in number. The plants are very productive. The fruit is of fine form and appearance, and will stand shipment well. Lb., \$3.50; ¼ lb., \$1.00; oz., 30c.; ½ oz., 15c.; pkt., 5c.

### The Enormous.

The fruit grows very large and very smooth, with solid meat and few seeds. It is oval in shape rather than round, like "Stone." It is very solid for so large a Tomato, and keeps well on vine after ripening; has rather few seeds and ripens with the common varieties and ripens all over and through at one time. The color is a clear, deep red, without purple tint or shading. It is the largest of all Tomatoes, the hardest and one of the best keepers and shippers. On account of its peculiar growth of having one very strong main vine it is well adapted to growing to single stem. Lb., \$3.00; ¼ lb., 85c.; 2 ozs., 50c.; oz., 30c.; ½ oz., 15c.; pkt., 10c.

### Well-Known Standard Varieties.

Per pkt., 5c., of any of the Following:

	½ oz.	1 oz.	¼ lb.	1 lb.
<b>Favorite.</b> Large, early, smooth.....	\$0 12	\$0 20	\$0 60	\$2 25
<b>Fordhook First.</b> A good, first early.....	12	20	65	2 35
<b>Golden Queen.</b> Rich, deep yellow.....	12	20	60	2 00
<b>Ponderosa.</b> Largest and meatiest.....	20	30	95	
<b>Trophy.</b> The old favorite.....	15	25	65	2 40
<b>Red Currant.</b> Small.....	15	25		
<b>Mikado, or Turner's Hybrid.</b> .....	12	20	70	2 50
<b>Cherry, Yell. Pear and Red Plum Ea.</b>	15	25		
<b>Rosalind.</b> Medium early, productive.....	12	20	65	2 40
<b>Vaughan's Model.</b> See back cover.				
<b>Early Freedom.</b> As early as Atlantic Prize,	15	25	75	2 75
<b>The Thorburn Century.</b> Pkt., 10c.....	20	35	95	
<b>The Lorillard,</b> for forcing.....	15	25	80	

### The Two Peach Tomatoes.

The fruit is of uniform size, resembling a peach in shape, size and color, one of which is a deep rose blended with orange-amber, and the other clear lemon-yellow. It is desirable for eating from the hand. The skin is thin and peels off like that of a peach. Each, red or yellow Peach, oz., 35c.; ½ oz., 20c.; pkt., 10c.; both kinds mixed, pkt., 10c.; 3 for 20c.

### Ground Cherry, or Husk Tomato.

This is much liked by many for preserves, and for eating from the hand. The seed we offer is from the true yellow Ground Cherry; very prolific. Besides its use for preserves, it makes good pies, and is very fine dried in sugar. Oz., 20c.; ½ oz., 12c.; pkt., 5c.

### OUR TOMATO SEED

has all been grown by Tomato Specialists, who plant for seed

only. It is not as cheap as that from canning factories, but it is GOOD and RELIABLE, and will give satisfaction.

## TURNIP.



WHITE MILAN—THE EARLIEST OF ALL.

Winter. Or the seed can be scattered all over the cornfield right after the last cultivating. From three to four pounds will sow an acre. For soiling there is nothing better and cheaper; sown at the rate of five pounds, the cost will be but \$1.50 per acre and the result will be worth more than ten times as much.

Write for Special Prices on Larger Lots.

Pound and 1-4 Pound Prices Include Postage.

### White Milan.—The Earliest of All.

Among the finer Turnips we know, this takes the first rank by its unexcelled earliness and its beautiful shape. It is so smooth and neat as to look polished by hand, and the scant, short (entire) foliage forms a becoming ornament to the fine root. Lb., 85c.; ¼ lb., 25c.; oz., 10c.; pkt., 5c.

**Purple Top Milan.**—Earliest variety after the Red Top Type. Color, white; purplish white top. Lb., 60c.; ¼ lb., 20c.; oz., 10c.; pkt., 5c.

### Early Purple Top, Strap Leaved.

This is an early variety and a great favorite for table use; form flat, like a broad disk in shape, and of medium size; color, purple or dark red above ground, white below; flesh, white, fine grained and tender; leaves, few, entire, upright in growth. Lb., 45c.; ¼ lb., 15c.; oz., 10c.; pkt., 5c., postpaid. By express, lb., 35c.; 5 lbs., \$1.50; 10 lbs., \$2.75.

### Purple Top White Globe.

A variety which originated from the purple top, flat Turnip. It is globular and nearly as large as the Pomeranian White Globe, of beautiful appearance, of most excellent quality, and equally desirable for table or stock. It keeps well and is a fine market sort. Lb., 50c.; ¼ lb., 15c.; oz., 10c.; pkt., 5c., postpaid. By express, lb., 40c.; 5 lbs., \$1.85; 10 lbs., \$3.65.

**Cow Horn or Long White.**—This variety is pure white, except a little shade of green at the top, and is carrot-like in form, growing nearly half out of the ground and generally slightly crooked. It is delicate and well flavored, of very rapid growth, and has obtained considerable favor as a market sort for Fall and early Winter use. Lb., 50c.; ¼ lb., 20c.; oz., 10c.; pkt., 5c.

**White Egg.**—A quick-growing, egg-shaped, perfectly smooth, pure white variety, growing half out of the ground, with small top and rough leaves. The flesh is very sweet, firm and mild, never having the rank, strong taste of some white varieties. Lb., 50c.; ¼ lb., 20c.; oz., 10c.; pkt., 5c.

### Rhode Island Rock.

THE WONDERFUL KEEPING TURNIP.

In this new variety we have a great improvement on the White French Turnip, made after years of selection, by a Rhode Island market gardener. It is fully three weeks earlier than any other turnip of its class, and can be planted later to follow such crops as peas, corn, beets, etc. It is very hard and solid, flesh pure white, fine grained, brittle and sweet. Its crowning point, however, is its wonderful keeping qualities, exceeding all other Turnips in this respect. Pkt., 5c.; oz., 10c.; 2 ozs., 15c.; ¼ lb., 25c.; lb., 80c.

### Early White Flat Dutch.—Strap Leaved.

A most excellent early garden variety and largely used in the Southern States. Roots medium sized, flat; color, white; very early, sweet and tender. It is desirable for table use, but is spongy and inferior when overgrown. Lb., 45c.; ¼ lb., 15c.; oz., 10c.; pkt., 5c.

**Seven Top.**—Cultivated extensively in the South for the tops, which are used for greens. It is very hardy and will grow all Winter, but does not produce a good root and is only recommended for the tops. Lb., 50c.; ¼ lb., 20c.; oz., 10c.; pkt., 5c.

**Yellow Aberdeen.**—Lb., 50c.; ¼ lb., 15c.; oz., 10c.; pkt., 5c.

**Pomeranian White Globe.**—Lb., 45c.; ¼ lb., 15c.; oz., 10c.; pkt., 5c.

**Golden Ball, or Orange Jelly.**—Lb., 50c.; ¼ lb., 15c.; oz., 10c.; pkt., 5c.

**Sweet German.**—Lb., 50c.; ¼ lb., 15c.; oz., 10c.; pkt., 5c.

## RUTABAGA, OR SWEDE.

### Vaughan's Improved.

From selected stock of a purple-topped variety of the largest size, best shape, with small neck and smooth skin; good cropper and keeper. Lb., 50c.; ¼ lb., 20c.; oz., 10c.; pkt., 5c. By express, 5 lbs., \$1.60.

### Hurst's Monarch.

For earliness, quality and weight it is superior to any variety in cultivation, producing from two to seven tons per acre more than any other Swede, while the large percentage of saccharine matter contained in the root makes it very palatable and nutritious to stock. Lb., 50c.; ¼ lb., 20c.; oz., 10c.; pkt., 5c.

**Laing's.**—Lb., 50c.; ¼ lb., 15c.; oz., 10c.; pkt., 5c.

**Carter's Imperial.**—Lb., 50c.; ¼ lb., 15c.; oz., 10c.; pkt., 5c.

**Skirving's.**—Lb., 50c.; ¼ lb., 15c.; oz., 10c.; pkt., 5c.

**Breadstone.**—Lb., 70c.; ¼ lb., 20c.; oz., 10c.; pkt., 5c.



## FORAGE CROPS

READ  
THIS

## FARM SEEDS

BERSEEM FLOWER HEAD  
AND KNOTTY ROOT  
GROWTH.

## AUSTRALIAN SALT BUSH.

This is a most wonderful forage plant, as it will grow freely in arid and alkali lands that will produce no other vegetation, yielding a marvelously liberal foliage which is eagerly eaten by all kinds of stock. It is of creeping habit. It has been proved that after three or four crops have been grown on alkali land, that the soil is then capable of producing any other vegetation. This plant has been very extensively tried at the California Experimental Station, where single plants, grown on the poorest alkali ground, have reached a diameter of 16 feet in one season. One pound of seed will plant an acre. It grows readily from seed. The seed may be sown in garden bed and the seedlings planted out when 2 inches high, 7 or 8 feet apart. If sown broadcast mix at the rate of 1 lb. of seed to 10 lbs. of ashes, plaster or dry loam, to secure an even distribution. Price, pkt., 10c.; oz., 20c.; ¼ lb., 40c.; lb., \$1.35, prepaid.

**BARLEY, SUCCESS.**—A New Club or Beardless Barley. A new and distinct variety, the earliest Barley known, being fully a week or ten days earlier than any other Barley. Height same as common Barley, but better straw and will stand upon any land. A good yielder, six rowed. Ripens early, thus admitting of a second crop. Price, lb., 20c.; 3 lbs., 55c., postpaid; pk., 35c.; bu., \$1.35; 10 bu., \$12.00, bags free, by freight or express. Large sample packet mailed for 10 cents in stamps. If shipped from New York add 15c. per bushel.

**WHITE HULLESS.**—A grand Barley for stock feeding. Plump, heavy kernels, which, when thrashed, are hullless like wheat kernels. Early, prolific, well filled heads. Price, lb., 25c.; 3 lbs., 65c., postpaid. By freight, pk., 60c.; bu., \$2.00; 2½ bu., \$4.25; 10 bu., \$16.00. If shipped from New York add 15c. per bushel.

**MANSHURY.**—A standard variety, six row. Price, lb., 25c., postpaid. Express or freight, pk., 40c.; bu., \$1.35. If shipped from New York add 15c. per bushel.

**SOJA BEAN, OR COFFEE BERRY.**—This valuable forage plant will produce a crop of 20 to 30 bushels per acre, and is as easily grown as other beans. For pasturing or feeding as green fodder it is very valuable, and nearly equal to clover for fertilizing. When roasted and coarsely ground the Beans taste so nearly like Brazilian coffee the difference is scarcely perceptible. Sow one-half bushel per acre broadcast, or oneallon per acre in drills 3½ feet apart and 1½ feet between the plants, dropping two or three in a hill. Price, large pkt., 10c.; ¼ lb., 20c.; lb., 35c., postpaid. By express or freight, per pk., 75c.; per bu., \$2.50, bags included.

## VELVET BEAN (The Great Nitrogen Gatherer).

## A WORTHY RIVAL OF THE COW PEA.

This new bean is becoming very popular in the South and middle North. It is very prolific, vines running over 12 feet long; both vines and pods are eaten by all kinds of stock. An excellent fertilizing plant for plowing under. Should be planted in rows about 4 feet apart and 1 foot apart in the row, putting 2 or 3 Beans in each place. The culture is the same as for Cow Peas. Pkt., 10c.; lb., 25c., postpaid. By freight or express, pk., 65c.; bu., \$2.25.

## BIRD SEED.

We carry a complete stock of Bird Seed and furnish the best. Prices subject to market changes.

**MIXED BIRD SEED.**—Per lb., 7c.; 10 lbs., 60c.  
**CANARY.**—Per lb., 8c.; 10 lbs., 75c.  
**RAPE.**—Per lb., 6c.; 10 lbs., 50c.  
**MILLET.**—Per lb., 6c.; 10 lbs., 50c.  
**HEMP.**—Per lb., 6c.; 10 lbs., 50c.  
**SUNFLOWER.**—Per lb., 10c.; 10 lbs., 80c.  
**LETTUCE SEED FOR BIRDS.**—5 lbs., \$1.25; lb., 30c.; ¼ lb., 12c.; oz., 5c.  
**BLUE MAW OR POPPY.**—Per lb., 20c.; 5 lbs., 80c.  
Add 10c. per pound if to go by mail.

**BUCKWHEAT, JAPANESE.**—The most productive and earliest variety (½ bu. acre). Price, lb., 20c.; 3 lbs., 50c., postpaid. By express or freight, pk., 50c.; bu., (48 lbs.), \$1.60; bags, 15c. each.

**SILVER HULL.**—Same price as above.

**BEGGAR-WEED.**—(Florida or Giant Beggar-Weed, *Desmodium tortuosum*).—An erect leguminous annual, growing from 3 to 8 feet high, with abundant foliage. It is highly recommended for improving light, sterile, sandy soils by plowing under, and it also makes hay of a fine quality. It should be sown at the rate of 10 pounds of clean seed to the acre, after the ground is warm and moist. The seed should be but very lightly covered. If for hay, it should be cut just as it begins to bloom. Lb., 45c.; 5 lbs., \$1.75, prepaid. By express, 5 lbs., \$1.35; 10 lbs., \$2.50.



THE prosperity of the farmer depends entirely on the proper use and thorough understanding of forage crops. Nature renews exhausted lands by two processes, bringing together the two great sources, producing an effect as magical as an electric current.

There are two killing wastes of material, sun-bleach on the surface and leach of fertilizing material down below reach of ordinary plant roots. Reverse this condition and have these extremes act for you and act together. So the forage crops, which cover the surface with thick, luxurious plant growth from long roots that reach into the stored material below, absorb other material from the atmosphere, until the richest of all rich material, nitrogenous matter, is formed. Thus your whole problem is solved by nature.

**PLEASE NOTE** that the prices given on all Farm Seeds by the half peck, peck, half bushel and bushel are NET, f. o. b. either at Chicago or New York, the purchaser paying all transportation charges. We make no charge for bags or cartage except where noted. Write for SPECIAL PRICES on large quantities.



PLANT OF BERSEEM.

A Novelty of  
Merit

## BERSEEM

Or Egyptian  
Clover

This is an annual clover and also a winter clover for warm countries where irrigation is practiced. Under such conditions it grows with remarkable rapidity, outgrowing most weeds and yielding one of the most nutritious and palatable fodders known. It resembles alfalfa. The flower heads are white, but in form like red clover. The stalks are very succulent and the whole plant more delicate than either clover or alfalfa, and is eaten by domestic animals with the greatest relish. The root system of Berseem is remarkable for its abundant tubercles. It is not suited to cultivation on dry soils. The special value of this crop is in its use as a green fodder, having the most marvelous fattening and conditioning properties. Its growth and its domination of weeds are greatly in its favor. It is wonderful as a food for milch cows. It is also valuable as a hay crop. For spring forage in the Northwest, planted after the frosts are over, in the moist climate of Washington and Oregon, it should rotate with wheat. Its roots increase greatly the fertility of the soil. Sow 15 to 20 lbs. per acre with drill; if broadcast about 3 pecks. Lb., \$1.00; ¼ lb., 30c., postpaid. By express or freight, lb., 90c.; 10 lbs., \$8.00.

**BROOM CORN, IMPROVED EVERGREEN.**—The best variety for general cultivation, on account of color and quality of brush. Ripens very early; grows 8 to 10 feet high; brush of good length, fine and straight, and always of green appearance when ripe, and will not get red in the field before it is cut. Price, lb., 25c., postpaid; by express, 10 lbs., 50c.; 50 lbs., \$2.00; 100 lbs., \$3.50. If shipped from New York add 50c. per 100 lbs.

**JAPANESE.**—An extra early variety; matures in about seventy-five days when planted late. Can be planted after wheat with good success. The brush is fine and long, without center stalk. Lb., 25c., postpaid; 10 lbs., 65c.; 50 lbs., \$2.50; 100 lbs., \$4.50. If shipped from New York add 50c. per 100 lbs.

**CHICORY, LARGE ROOTED.**—A perennial, remaining five or six years in the same soil, if cut before flowering. It may be cut four or five times during the same season for green fodder. Sow broadcast in autumn or spring, either alone or with any kind of clover. Sown in drills, the roots become well developed. When they are dried, roasted and ground they become the Chicory of commerce, and are used in adulterating coffee. Oz., 10c.; ¼ lb., 20c.; lb., 50c., postpaid.

**CHUFAS OR EARTH ALMONDS.**—Used to fatten hogs. The nuts grow under the ground very near the surface, easily reached by pigs or poultry, and destroyed by them if they have free access. Plant in April in rows 3 feet apart and 8 to 10 inches apart in the row. If seed is dry soak before planting. Sow 15 lbs. of seed per acre. Pkt., 10c.; lb., 30c., postpaid. By express, lb., 20c.; 10 lbs., \$1.75; 100 lbs., \$16.00.

**COTTON, SEA ISLAND.**—Per lb., 15c., per 100 lbs., \$7.00. 25 lbs. to the acre. If by mail add 8c. for postage.

## COW PEAS (The Great Soil Improver).

Make Poor Land Rich. Make Good Land More Productive.  
Enriching the Soil Even When the Crops are Cut Off.

Green crops plowed under are one of the best and cheapest ways of improving the soil. For this purpose the Cow Pea is most popular, especially for medium or light soil. They should be sown in May or June, at the rate of 1½ bushels to the acre, and plowed under as soon as they have attained their full growth. While this crop is very largely grown wherever known, with the results attained from it, the wonder is that it is not grown ten times as much as at present. There is no surer or cheaper means of improving poor soil than by sowing Cow Peas. In its capacity as a nitrogen gatherer its growth largely enables the farmer to dispense with the use of nitrogen or ammoniated fertilizers. Nitrogen or ammonia in commercial fertilizers is valued at 15 cents per pound. The Cow Pea, to a greater extent than any other leguminous crop, with possibly the exception of the New Velvet Bean, described alongside, has the power to extract this costly nitrogen or ammonia from the atmosphere.

**COW PEAS FOR HAY.**—If planted early, say by middle of May, in the central corn belt section, a crop can be cut and cured for hay the same as clover, then the stubble in a short time will put out a new growth to be turned under in the fall as a fertilizer.

The best varieties for all purposes are the following:

PRICES variable with the market.

**SOUTHERN BLACK-EYE.**—Each, pkt., 10c.; pint, 20c.; qt., 35c., postpaid; pk., 70c.; bu., \$2.60, by freight or express.

**WHIP-POOR-WILL.**—Pkt., 85c.; bu., \$2.00.

PRICES BY LETTER ON LARGER LOTS.



## FORAGE CROPS AND FARM SEEDS—Continued.

Read what we say at top of page 34



PEARL MILLET.

**WHITE OR RED.**—Each, pkt., 5c.; lb., 20c.; 3 lbs., 50c., postpaid; 10 lbs., 50c.; 50 lbs., \$1.85; 100 lbs., \$3.50, by freight or express.

Mr. C. H. Besley, of Chicago has the following to say about "Kaffir Corn:" "I have planted all kinds of fodder corn on my farm in Edison Park, Ill., and Kaffir Corn is the only one I have any use for. It is as sweet as Sweet Corn, and is excellent dry. It grows so thick that no weed can get in between it. I drill it with a corn planter and cultivate it until it gets 1 foot high. It requires about 1 bushel to the acre if sown in that way."

### THOUSAND-HEADED KALE.

Thousand-Headed Kale is now being grown in larger quantities than Rape in England. The seed can be sown early in April or any time thereafter until mid-summer. The plants grow to a height of 3 to 4 feet, and are so covered with small whorls of leaves that the name Thousand-Headed Kale has been given it. It will yield a much larger crop than the Dwarf Essex Rape, as it branches out from the bottom and grows very rapidly. It is greatly relished by hogs, cattle and sheep. The roots penetrate to a great depth in the subsoil, so that the plant is not affected by drought. It grows with increased rapidity after being fed off and flourishes on all kinds of soil. In England this seed is being sown broadcast on pastures with grass seeds, using about 1 pound of seed per acre, though if sown alone it should have about 3 pounds per acre. Price per large pkg., 10c.; ¼ lb., 25c.; lb., 70c., postpaid. By express, 5 lbs. or more at 40c per lb.

**LATHYRUS SYLVESTRIS.**—(Flat Pea.)—A perennial forage plant; it grows well on unimproved sandy soil, yields superior forage for all farm stock and excellent as a fertilizer. Oz., 15c.; ¼ lb., 40c.; lb., \$1.35, postpaid.

**LENTILS.**—A leguminous annual. Succeeds best in dry, sandy soil. Splendid pigeon food and also used exten ively for soups. Lb., 25c., postpaid.

**LUPINS, YELLOW.**—Succeeds well in the poorest soil, and is exceedingly valuable for plowing in to improve sandy soils. It makes good forage either green or as Hay. The seeds are very fattening when used with Hay. Sow in the spring when the ground has become warm, at rate of 90 pounds to the acre. Lb., 25c., postpaid. By freight or express, 10 lbs., \$1.25; 25 lbs., \$2.35; 100 lbs., \$9.75.

### MAND'S WONDER FORAGE PLANT (Pencillaria Zeaoides).

A native of Central America. It is an annual plant, having long, broad foliage, and, if allowed to develop fully, will attain a height of from 10 to 12 feet and bears numerous heads from 18 to 20 inches in length and 1 inch in diameter, completely covered with thousands of seeds, much relished by poultry. It is of rapid growth, throwing out from one plant numerous suckers and if cut as soon as it reaches the height of 2 or 3 feet, it can be mowed from four to six times, according to the latitude, and yields several tons of dry Hay per acre. If allowed to grow 6 or 7 feet high, and cut when the flower heads begin to develop, it will yield the heaviest fodder crop per acre of any plant now in cultivation. For feeding it is equal to any fodder, and is relished by all kinds of stock, either green or dry. Full cultural instructions on each package. Price, pkt., 10c.; oz., 15c.; ¼ lb., 30c.; lb., 60c., postpaid. By express, lb., 50c.; 10 lbs., \$4.50.

**MILO MAIZE.**—A variety of sorghum, non-saccharine, growing stalks 8 to 10 feet high. It bears dry weather and makes its crops where corn would wholly fail. Plant in 3-foot rows, leaving one or two plants every 12 inches in the row, and cultivate as corn; 3 to 5 lbs. per acre.

**White or Yellow.**—Lb., 20c.; 10 lbs., 75c.; 50 lbs., \$3.00; 100 lbs., \$5.50.

### MILLET.

If shipped from New York add at the rate of 50c. per 100 lbs. to the following prices:

**GERMAN, OR GOLDEN.**—(Bu., 50 lbs.) Sow ¼ bushel to the acre. Values constantly changing. Write for prices. Bu., \$1.15; 100 lbs., \$2.20; bags 15c. each extra.

**HUNGARIAN (GRASS).**—Can be sown as late as July 1. (Bu., 48 lbs.) Bu., \$1.10; 100 lbs., \$2.10.

**PEARL OR CAT-TAIL MILLET.**—No other plant makes so much forage as this. Seven cuttings can be had from one planting in one season in the South. Total of three cuttings green forage per acre at Georgia Experiment Station, 52,416 lbs. The U. S. Agricultural Bureau has increased its sale largely. Demand could not be supplied in 1897. Stools at ground; thick foliage; heads not eaten. This is by far the most popular of all green eaten Millet. Oz., 6c.; ¼ lb., 10c.; lb., 25c., postpaid. By express, lb., 15c.; 10 lbs., \$1.25; 100 lbs., \$11.00.

### SIBERIAN, OR RUSSIAN MILLET,

is earlier than German, extremely hardy and will stand more hot dry weather than any variety of Millet. It makes a very rank growth, with an abundance of leaves, which start from the ground. Sow in April, May or June at the rate of ¼ bushel to ½ bushel per acre, according to soil. Lb., 10c.; 10 lbs., 80c.; bu., \$1.25; 100 lbs., \$2.25.

**ESPARSETTE.**—See *Sainfoin*.

**FENUGREEK.**—Annual. The seed is often sought by hostlers to give a temporary fire and vigor to their horses. Oz., 10c.; lb., 40c.

**FLAT PEA.**—See *Lathyrus sylvestris*.

**FLAX SEED.**—Sow as soon as danger of frost is over, and early enough to catch the spring rains; ½ bushel to the acre is the quantity to sow for raising seed, or 1 bushel for raising fiber. Pk., 60c.; bu., \$2.00. Price variable.

**GINSENG.**—We can furnish fresh seed of this at the following prices: Per oz., 50c.; lb., \$5.00. Concise cultural directions are sent with the seed.

We can furnish a book called "Ginseng," which tells all about its culture, harvesting, etc. Price, 50c.

**JERUSALEM CORN.**—A non-saccharine sorghum. A valuable forage plant for dry soils and seasons. Grows about 3 feet high; makes one large head on main shoot and several small heads on side shoots. Grains white and nearly flat. Sow 3 to 5 lbs. per acre. Price, 10 lbs., \$1.00; 50 lbs., \$3.00; 100 lbs., \$5.00.

### KAFFIR CORN.

One of the best forage plants. If the crop is wanted mainly for fodder, it is recommended to cut down the whole stalk when the first seed heads come into bloom. The second growth, springing at once from the roots, will still mature (in climates similar to Central Kansas) a full crop of grain and a second full crop of forage before the middle of October. Sow in rows 3 feet apart, 3 to 6 lbs. of seed to the acre.



DWARF ESSEX RAPE.

### JAPANESE MILLET.

Entirely distinct from any other Millet. It grows 6 to 8 feet high, stands remarkably well notwithstanding its great height, and yields from 10 to 12 tons green fodder per acre. When cured it makes an excellent quality of Hay, and its feeding value is far superior to corn fodder, and it is much relished by all kinds of stock, whether green or cured. If to be made into Hay, cure as you would a heavy crop of Clover. This Millet does not endure drought well, except it be sown early in retentive soil, and it is not recommended for the Southern States, but north of Washington, and especially for good, rich soils, we confidently recommend its general cultivation. It may be sown from the middle of May to the 1st of July, broadcast, at the rate of 15 lbs. per acre, but it is better to sow it in drills, 12 to 18 inches apart, using 10 to 12 lbs. per acre, and hood between the rows to keep down all weeds until the plant attains a height of 12 to 18 inches, when its rapid growth will smother all weeds. Lb., 15c.; 10 lbs., \$1.00; bu., \$3.50; 100 lbs., \$6.50.

### OATS. (Sow 2 Bushels to the Acre.)

**LINCOLN OATS.**—The following are a few points of its excellence: It is very productive, having in all instances yielded more to the acre than any other sort grown in the same locality; in one case it yielded 174 bushels from a single bushel of seed. It is very early, and has thus far proved itself rustproof. It stands up better than any other sort; it is best for seeding on account of its thin hull, heavy meat and soft nib. It is best for oatmeal and grinding for the same reason. Price, lb., 15c.; 3 lbs., 40c., postpaid; pk., 40c.; bu., \$1.00; 10 bu., \$9.00, bags free, by express or freight.

**IMPROVED BLACK TARTARIAN.**—This Canadian grown variety is the darkest of the so-called Black Oats. Price, pk., 35c.; bu., \$1.25; 2¼ bu., \$3.

**SILVER MINE OATS.**—A very popular variety in some sections for its great yield. Price same as Lincoln oats.

**WINTER TURF OATS.**—Valuable for winter grazing and for grain in the South. Their turfing and stooking qualities are remarkable, and when thinly sown under anything like favorable conditions they soon spread and cover the ground with a thick, heavy growth. Sow at the rate of 1½ to 2 bushels to the acre. Price, lb., 25c.; 3 lbs., 60c., postpaid. Express or freight, pk., 40c.; bu., \$1.00; 2 bu., \$1.80.

**PEAS.—Canadian Field.**—Valuable for northern climates for cattle feeding, especially for milch cows. It also makes fine ensilage. It is sown broadcast in spring and harrowed in at the rate of 2 bushels per acre or 1 bushel if sown with oats. Price variable; about \$2.00 per bu.

**PEANUT, MAMMOTH VIRGINIA.**—The Mammoth Virginia Peanut is the most profitable variety to grow, and is more desirable than the common spreading kind, because more easily cultivated; very erect stems and upright foliage, and the largest pods and kernels of any variety; also yields fewer imperfect pods. The vines make valuable forage. Pkt., 10c.; ¼ lb., 20c.; lb., 30c., postpaid.

**SPANISH PEANUT.**—The earliest variety grown; pods are small, but remarkably solid and well filled, and the yield per acre very large; can be cultivated with the plow. Because of their early habit and easy cultivation, it is the best variety to grow for fattening hogs. Pkt., 10c.; ¼ lb., 12c.; lb., 30c.

### DWARF ESSEX RAPE.

Our own importation. Think of it, costs only 88c. to seed an acre.

Dwarf Essex Rape is easily grown and perfectly hardy, and possesses remarkable fattening properties. One acre will pasture thirty-six head two months, and lambs will make a gain of 8 to 12 pounds a month. Pigs and cattle are also very fond of it. The plant is a rank grower and should have heavy manuring as well as high cultivation. Any corn soil will grow Rape. Sow the seed by the end of June, and the crop can be ready to feed at a season when it is most needed. It does well sown with oats. After the oats are cut the Rape grows rapidly. From ½ acre there were cut 9¼ tons of green Rape, or it yielded at the rate of 19 tons per acre. If the soil is rich and clean sow broadcast; if not so clean, sow in drills and cultivate as for corn. When sown broadcast use 5 lbs., and if in drills 2 lbs. to the acre. True Dwarf Essex Rape, our own importation. Price, pkt., 10c.; ¼ lb., 15c.; lb., 28c., postpaid. By freight or express, 10 lbs., 70c.; 50 lbs., \$2.70; 100 lbs., \$5.00. Be sure and get the genuine. Bags 15c. each for 50-lb. lots and over.



# FORAGE CROPS AND FARM SEEDS—Continued. Read what we say at top of page 34.



SPELTZ OR EMMER.

globular bush form, with upright leaves and stalks. Can be used for borders, but their greatest advantage lies in the fact that they come perfectly true from seed. Sown early, they will produce bearing plants the first year. Price for Red or White, per pkt., 10c.; 1 pkt. each, 15c.

**BELLE DE MEAUX.**—A sport of the Alpine Strawberry. It is the most productive sort we know. The fruit is of very fine flavor and nearly black in color. Comes true from seed. Pkt., 15c.; 2 for 25c.

**LARGE FRUITED STRAWBERRY.**—Our seed has been saved from a number of the choicest sorts and will produce plants that yield excellent berries. It is possible that new varieties may be produced. Pkt., 10c. One pkt. each of the above 3 sorts for 30c.

## GIANT SPURRY.

An annual plant extensively cultivated in Europe as a Winter pasture for cattle and sheep; grows well on poor, dry, sandy soil; an excellent fertilizer for light soil and valuable for forage. Sow 12 pounds per acre. Price, per lb., 25c.; 3 lbs., 65c., postpaid. Express, 5 lbs., 70c.; 10 lbs., \$1.30.

## SUGAR CANE—EARLY AMBER.

The use of this as a fodder crop is enormous. It is one of the very best for every farmer's use, to help his cows and young stock through the late Summer drought. Its use for sugar-making is too well known to need description. Sow 6 to 8 pounds to the acre. Pkt. (¼ lb.), 10c.; lb., 20c., postpaid; 10 lbs., 60c.; 50 lbs., \$2.25; 100 lbs., \$4.00.

## MAMMOTH RUSSIAN SUNFLOWER.

### THE GIANT OF ALL SUNFLOWERS.

The best variety for the farmer. Growing to double the size of the common, and the yield of seed is twice as great. It is highly recommended for poultry; the best egg-producing food known; the leaves make splendid fodder, much relished by all kinds of stock. The seed is good feed for horses, and yields a fine quality of oil. Oz., 5c.; lb., 10c. (postpaid, 20c.); 10 lbs., 60c.; 25 lbs., \$1.25; 100 lbs., \$4.25; sack, 2 bush., \$3.50.

### TEOSINTE (Reana Luxurians).

A grand forage plant for the Southwestern States, growing 12 feet high, very thickly covered with leaves, yielding such an abundance of forage that one plant is considered to be sufficient to feed a pair of cattle for twenty-four hours. Not recommended for the Northwest. Price, pkt., 10c.; oz., 15c.; ¼ lb., 40c.; lb., \$1.25, postpaid.

## TOBACCO SEED.

Price, lb., \$2.50; ¼ lb., 65c.; oz., 25c.; pkt., 10c., postpaid, except where noted.

**Primus**—Yields big crops of extra fine quality.  
**Harby**—A Turkish variety; stands heat and drought.  
**Brazilian-American**—Finest Brazilian strain, lb., \$3.00; ¼ lb., 80c.  
**Big Havana**—A hybrid Havana or Cuban seed leaf.  
**General Grant**—It produces leaves 44 inches long, of proportionate breadth, and matures its crop perfectly as far north as Duluth, Minn.; lb., \$3.00; ¼ lb., 80c.  
**Connecticut Seed Leaf**—Best adapted to the climate of the Middle and Northern States, as it is harder and endures cold better than others.

## TREE SEEDS.

One pound lots and less include postage. Larger lots at buyers' expense.

	Pkt.	oz.	¼ lb.	lb.
Apple Seeds—(Bu., 40 lbs.) 10 lbs., \$3.00; 100 lbs., \$25.00, not prepaid.	\$0 05	\$0 10	\$0 20	\$0 45
Apricot, Russian.	10	20	65	50
Arbor Vitae, American.	10	20	65	2 50
Ash, White—10 lbs., \$3.25.	10	20	65	2 50
Balsam Fir.	10	20	65	2 35
Birch, White.	05	15	35	1 00
Box Elder—10 lbs., \$2.00.	10	20	65	35
Catalpa Speciosa—5 lbs., \$2.00.	05	10	20	60
Larch, European.	05	15	40	1 20
Locust, Honey—5 lbs., \$1.50.	03	15	45	45
Locust, Black or Yellow—5 lbs., \$1.50.	05	15	45	1 60
Laple, Oregon Mammoth.	10	20	50	1 60
Mulberry, Russian.	10	20	65	2 50
Osage Orange—10 lbs., \$3.75; 100 lbs., \$35.00.	05	15	20	50
Pear, French.	05	15	45	1 80
Pine, Scotch.	05	15	45	1 60
Spruce, Norway.	05	10	35	1 25

## SAINFOIN or ESPARSETTE

An excellent perennial Fodder Plant, growing about 3 feet high, flowering in June and July. It is adapted for light, chalky soils, being an enriching, heat-resisting Clover; does well in Southern and Western States. May be sown in drills or broadcast. Sow 25 lbs. per acre broadcast; 12 to 15 lbs. in drills. Lb., 18c.; 10 lbs., \$1.20; 50 lbs., \$5.00.

## SEEDS of SMALL FRUITS.

**RASPBERRY SEED.**—Large fruited sorts mixed. Pkt., 10c.; oz., 20c.

**CURRENT SEED.**—Red sorts mixed. Pkt., 10c.; oz., 30c. White sorts mixed. Pkt., 10c.; oz., 30c.

**BLACK CURRENT SEED.**—Pkt., 10c.; oz., 30c.

**GOOSEBERRY SEED.**—English large fruited. Many sorts mixed. Pkt., 10c.; ½ oz., 30c.

Seeds of Small Fruits are slow to germinate and should be sown early.

## EVERBEARING STRAW-

### BERRIES—From Seed.

**BUSH ALPINE.**—Without runners. Red or White. Handsome globular bush form, with upright leaves and stalks. Can be used for borders, but their greatest advantage lies in the fact that they come perfectly true from seed. Sown early, they will produce bearing plants the first year. Price for Red or White, per pkt., 10c.; 1 pkt. each, 15c.

**BELLE DE MEAUX.**—A sport of the Alpine Strawberry. It is the most productive sort we know. The fruit is of very fine flavor and nearly black in color. Comes true from seed. Pkt., 15c.; 2 for 25c.

**LARGE FRUITED STRAWBERRY.**—Our seed has been saved from a number of the choicest sorts and will produce plants that yield excellent berries. It is possible that new varieties may be produced. Pkt., 10c. One pkt. each of the above 3 sorts for 30c.

## SAND, OR WINTER VETCH.

It is the earliest crop for cutting, being nearly a month earlier than Scarlet Clover, and a full crop can be taken off the land in time for planting spring crops. Being much harder than Scarlet Clover, this is the Forage Plant to sow in the Northern States where Scarlet Clover winter-kills, though it is equally valuable in the South. Every dairyman and stock-breeder in the United States should have a field of it, and if you try it once you will never be a season without it.

It will also prove valuable for a Hay crop in the South and dry Western regions, as it may be sown in the fall and will make a luxuriant growth during the fall and spring months, and will yield a heavy crop, which may be cut and stored before the droughts set in. It is perfectly hardy throughout the United States, remaining green all winter, and should be sown during August and September, mixed with rye, which serves as a support for the plants, or in spring with oats or barley.

Sow one bushel per acre, with one-half bushel of rye or wheat. Price, 15c. lb.; \$7.25 bushel of 60 lbs.; \$12.00 100 lbs. If by mail, add 8c. per lb.

## SPELTZ or EMMER.

A grain for dry lands, introduced from Russia. This is a remarkable grain, and should receive the attention of all farmers. It is a species of drought-resisting Wheat, and not inclined to rust. Can be sown in the fall, being hardy, and will produce a fair crop under almost any condition of climate, but grows best in dry prairie regions with hot summers, giving excellent results. Thrives on poor land in stony ground. The Experiment Stations of both the Dakotas report that it resists drought better than Oats or Barley. All animals eat it green greedily, and are fond of the straw. It will undoubtedly become a regular and valuable crop for stock feed. Drill the seed in, 1½ to 3 bushels per acre, sow very early. Price, lb., 25c.; 3 lbs., 65c., postpaid; 50 lbs., \$1.65; 100 lbs., \$3.00, by freight at buyer's expense.

**SPRING TARES (Vicia Sativa).**—Sown broadcast at rate of 1 to 1½ bushels to the acre, like wheat or barley, and sometimes mixed with oats for soiling. Used in France and Canada as a substitute for peas. Also ground up into flour, after which it is mixed with wheat flour for making bread. Per qt., 20c.; peck, 85c.; bu., \$3.00.

## WHEAT.—Spring.

If shipped from New York add 20c. per bu.

**BLUE STEM.**—Grown from selected stock. Price, pk., 50c.; bu., \$1.60. 5 bu., \$7.50.

**SASKATCHEWAN FIFE.**—Hardy, red variety, noted for its productiveness. Price, pk., 50c.; bu., \$1.60; 5 bu., \$7.50.

**MACARONI WHEAT.**—Selected stock. Price, pk., 50c.; bushel, \$1.85.

## WILD RICE (Zizania Aquatica).

A native plant, furnishing food for wild fowl, ducks, geese, etc., also valuable as a forage plant for swamps and inundated lands, as it grows rapidly, and all stock are fond of it when green or cured for fodder. It attracts all wild birds from September on, and also purifies the water and affords a refuge for the small fry from the large fish. To sow: "Put the seed in coarse linen or cotton bags, and sink in water for 24 hours. Sow in water which is from 6 inches to 5 feet deep, in soft mud bottom, and in places where there are but few weeds. It is useless sowing this seed except on a mud bottom, or on low marshy places which are covered with water the year round. In running water sow as much out of the current as possible." Lb., 35c.; 3 lbs., \$1.00, postpaid; lb., 25c.; 10 lbs. and over, 20c. per lb., by express.

## VEGETABLE PLANTS.

Prices do not include prépayment by mail. If wanted by mail add 6c. per doz.; 12c. for 50; 20c. per 100.

**CABBAGE, EARLY.**—Ready by April 20. Extra Early Wakefield, All Seasons and Early All-Head. Per 1,000, \$4.25; 100, 55c.; 50, 35c.; doz., 15c.  
**CAULIFLOWER, EARLY.**—Ready by April 20. Snowball and Extra Early Erfurt. Per 1,000, \$6.00; 100, 75c.; 50, 45c.; doz., 20c.

**CAULIFLOWER, SECOND EARLY.**—Ready by May 1. Snowball and Extra Early Erfurt. Per 1,000, \$5.00; 100, 60c.; 50, 35c.; doz., 15c.

**CELERY, EARLY.**—Ready in June. White Plume, Golden Self-Blanching, Giant Golden Heart, Winter Queen and Turnip-Rooted. Per 1,000, \$4.00; 100, 50c.; 50, 30c.; doz., 15c.

**EGG PLANT.**—Ready about May 15. New York Improved Purple. Per 100 \$1.00; 50, 60c.; doz., 20c.

**PEPPER.**—Ready about May 15. Bell or Bull Nose, Sweet Mountain, Extra Ruby King and Cayenne. 100, \$1.00; 50, 60c.; doz., 20c.

**SWEET POTATO.**—Ready about May 15. Extra Early Carolina, Yellow Nansemond and Red Jersey. Per 1,000, \$2.50; 100, 35c.; 50, 20c.

**TOMATO.**—Ready about May 15. Acme, New Stone, Dwarf Champion, Ponderosa, Yellow Plum and Beauty. Per 1,000, \$7.00; 100, \$1.00; 50, 60c. doz., 15c.

**LETTUCE.**—Transplanted plants grown in flats. Grand Rapids Forcing and Silverball. Per 100, \$1.00; doz., 20c.

## PLANTS AND ROOTS.

**CHIVES.**—Clumps, by express, 10c.; doz., \$1.00. By mail 10c. each extra.  
**HORSERADISH SEEDS.**—Per 100, 75c.; 50, 50c., postpaid; 500, \$3.00.  
**HOP ROOTS.**—Plant early. Doz., 30c. By mail add 5c. doz.

**RHUBARB ROOTS.**—Seedlings. Each, 10c.; doz., \$1.00, postpaid. Clumps, 15c., 25c. and 50c. each, according to size, by express.

**TARRAGON PLANTS (Estragon).**—Each, 15c.; 2 for 25c.; 5 for 50c.

## JERUSALEM ARTICHOKE ROOTS.

They are sometimes used as a table vegetable when pickled, but their greatest value is for feeding stock. They are the best hog food known. They are remarkable for their fattening properties, great productiveness, (over one thousand bushels having been grown on one acre) and ease with which they can be grown. They need not be dug; the hogs should be turned in on them, and will help themselves by rooting. One acre will keep from twenty to thirty hogs in fine condition from October until April, except when the ground is frozen too hard for them to root. Three bushels will seed an acre. They should be cut the same as potatoes, one eye to a cut being sufficient, planted in April or May, in rows three feet apart and two feet apart in the rows, and covered about two inches deep. Lb., 35c.; 3 lbs., \$1.00, postpaid. By freight or express, peck, \$1.00; bush., \$3.00; bbl. of 3 bush. (enough for one acre), \$7.50.



# VAUGHAN'S FLOWER SEEDS

**T**HE following pages contain the best novelties and standard varieties of Flower Seeds and those most suitable to our climate. The selection has been made with greatest care and the quality is the best. We supply thousands of florists every year with their seeds, and if you buy your seeds where the florist buys his, you will get the results the professional does.

## Adenophora Potanini.

**51**—Lovely new shrubby Campanulacea, producing its elegant and slender flower spikes of 2 to 3 feet in height during the months of July and August. They are garnished with numerous, large, bell-shaped flowers,  $1\frac{1}{2}$  in. in diameter and of a beautiful light blue color. Splendid new hardy perennial. Pkt., 15c.; 2 for 25c.

## AGERATUM MEXICANUM NANUM.

### "Princess Victoria Louise."

**63**In bloom all Summer. This is the prettiest of the dwarf Ageratums. The plants grow in dense little bushes, 4 to 5 inches high, by a diameter of 5 to 6 inches. The flowers are produced in great abundance throughout the whole season, and are of the loveliest sky-blue with a white center. This is a splendid plant for borders, ribbon bedding, etc., and if a row of our Little Gem Alyssum is sown in front of it there is a lovely combination of white and blue. Pkt., 10c.; 3 for 25c.

## Amarantus bicolor "Sulpherine."

**76**—New ornamental-leaved plant, forming pyramidal bushes with rather long but moderately broad leaves. These are at the lower part of the plant dark green, towards the middle, however, light or sulphur yellow with green tips. The center of the plant as well as the heads of the side shoots show pure yellow leaves. Striking counterpart to the different red variegated leaved Amarantus. Pkt., 10c.; 3 for 25c.

**ANEMONE JAPONICA, "Queen Charlotte," 94**—New variety of the autumnal-flowered Anemone with large semi-double flowers. The color is of that pleasing shade of pink peculiar to the "La France" Rose. Invaluable for cut flower purposes. Pkt., 15c.; 2 for 25c.

**ASCLEPIAS HALLII. 132**—New and rare hardy perennial from the Sierra Nevada; flowers flesh colored, similar to those of A. princeps, but the umbels and the individual flowers are much larger. Figured in "The Gardener's Chronicle" Sept. 8, 1900. Pkt., 15c.; 2 for 25c.

## NEW HYBRID BEGONIAS.



AGERATUM PRINCESS VICTORIA LOUISE.

attractive plants we have ever grown. Its great freedom taken in connection with the large size of the individual florets. Per pkt., 25c.

## Candytuft, Rose Cardinal.

**392**—An extremely pretty new Candytuft of very vigorous growth; the plants form fine, dense bushes about 10 inches high, and produce their beautiful rich rose-colored flowers from June until August. Pkt., 10c.;  $\frac{1}{4}$  oz., 25c.

## New Perpetual Flowering Carnation, "Glowing Coal."

**416**—The large flowers of this new Carnation are of the most intense brilliant scarlet, very double, very sweet, and the plants bloom the first Summer if seed is sown before April. Pkt. (15 seeds), 25c.

In ordering Flower Seeds please order by number; it will facilitate making out the order and our filling it also.



HOHENZOLLERN ASTER.

## HOHENZOLLERN ASTER.

This is the finest type of the Giant Comet, or Ostrich Feather type of Asters in existence. The flowers are much larger than those of the Giant Comet, and the petals are longer and more beautifully curled and twisted, and produced in much greater abundance than either in the Ostrich Feather or Giant Comet Aster. They quite resemble the Giant Flowering Japanese Chrysanthemums seen at the Autumn shows, and the flowers are borne on long stems, which with their beautifully curled petals makes them cut flowers par excellence. 290, White; 291, Crimson, or 292, Pink; each, pkt., 15c.; 1 pkt. each of the 3 for 35c.

## Early Flowering Hohenzollern Aster.

**296**—Like the above as to habit and shape of flowers, and about twice as large as the Queen of the Market, while just as early as that variety. One of our German seed grower friends writes us: "This is the most perfect of all White Asters up to date." So far we can only offer the white. Pkt., 15c.; 2 for 25c.

## SURPRISE ASTER, "Sunlight."

**224**—A very pretty and new color of the Surprise or Pæony flowered type, being a most pleasing sulphur yellow, a color not often met with among Asters. Pkt., 15c.; 2 for 25c.

## THE "CARLSON" ASTER.

A selection of the Pæony Flowered type. This new Aster is now the favorite in the Chicago cut flower market. The flowers are large and firm, the stems long and stiff, and the colors are decided and pleasing. The plants grow about 20 inches high and come into bloom before the Giant Branching Asters. We can furnish the following colors: 218, White; 219, Rose Pink; 220, Lavender; 221, Violet Blue; 222, Daybreak Pink; 223, Mixed. Each, pkt., 10c.; any 3 for 25c., or per  $\frac{1}{8}$  oz., 50c.

## BURBANK'S NEW CLEMATIS-FLOWERED COLUMBINE.

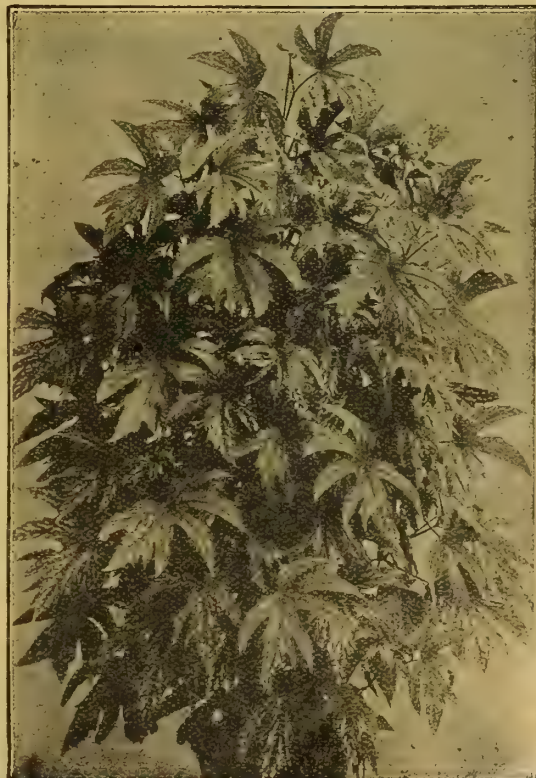
(*Aquilegia Clematidea Hybrida*.)

**123**—A new and most beautiful type, never before offered; a great scientific achievement; flowers both single and double, from which the spurs have been wholly eliminated, the flowers being flat and exactly the same form and color of the Clematis; as they originated from a combination and selection of *Cœrulea*, *Grandulosa*, *Stuarti* and *Chrysanthia*, the size and colors can be imagined. About 60 per cent come true Clematidea, the others are all exceedingly large and beautiful. Pkt., 25c.; 3 for 65c.

**330**—By a process of constant crossing and re-crossing a German hybridizer has succeeded in originating an entirely new race of foliage Begonias. The plants possess the handsomely lacinated leaves of the Rex Diadema type combined with the vigorous, quick growth and constitution of the Semperflorens class. The plants are handsome, of easy culture and useful for decorative purposes. Pkt., 35c.

## New Free-Flowering Bedding Begonia "Duchess of Edinburgh."

**331**—Plants of fine form with beautiful large leaves. Large clusters of flowers are borne on short, stout stems from the axil of each leaf. The individual flowers measure 1 to  $1\frac{1}{4}$  inches across and are crystalline white, margined beautifully with carmine-rose. As a flowering plant for pot culture, either in the house or on the flower stand on the veranda, or in a partially shaded location in the open ground, this is one of the most attractive plants we have ever grown. Its great freedom of bloom is quite remarkable when taken in connection with the large size of the individual florets. Per pkt., 25c.



NEW HYBRID BEGONIAS.





### MORNING STAR.

**484**—A superb Marguerite (*Chrysanthemum Segetum*), with immense flowers of an attractive soft yellow or primrose, resembling the shade of color seen in many of the best Narcissi. The plants are robust, but dwarf, and produce a great number of flowers from early Summer to late Autumn. One of the most serviceable annuals for the garden, and it will furnish decorative material for use in the house. The flowers last a remarkably long time when cut. Hardy annual. Height 18 in. Pkt., 15c.; 2 for 25c.

### Celosia Thompsoni magnifica.

**444**—This novelty represents the most perfect strain of the feathered or ostrich plumed Cockscobs. The plants have a true pyramidal branching growth, and the flower spikes vary in the most magnificent shades of colors, ranging from the clearest yellow to the darkest blood-red. Of great value for all decorative purposes in and out of doors. Pkt., 10c.



### STAR PINK.

**631**—*Dianthus Stellaris*. This new Chinese pink possesses all the sterling qualities of the race, such as hardiness, freedom of bloom, variety of color and ease of culture. The flowers are single and in the form of a 5 or 6-pointed star, usually with a dark center. It is a very pretty annual and will please everyone who plants it. Pkt., 10c.; 3 for 25c.

### NEW DOUBLE STAR PINKS

**632**—*Dianthus Heddwigi Stellaris*, Fl. Pl. An entirely new strain; the flowers are double and star shaped; all colors mixed. Pkt., 10c.



### CINERARIA MARITIMA "DIAMOND."

**490**—This is one of the finest foliage bedding plants. The leaves are broad, snow white and lasting. It is distinctly superior to the older varieties. Height 1 foot. Pkt., 10c.

### "PRINCESS HENRY."

**483**—*Chrysanthemum Maximum*. The finest and most valuable of the hardy Marguerite or Ox-eye Daisy varieties. The plants grow only about 18 inches high, are globular shape and very decorative; the flowers open to 4 inches and more in diameter, and give an abundant and very handsome material for cutting. It comes true from seed. It is not particular as to soil, and comes up every Summer in the same beauty for many years and outlasts the severest Winter. Pkt., 15c.; 2 for 25c.

### NEW DAHLIA "COLLARETTE."

**571**—An entirely new race of Dahlias. This new type of Dahlia possesses round its disc a series of florets, producing a highly ornamental effect, hence the name "Collarette." The flowers are of various and unexpected colors. The proportion of plants which come true is very good. First prize, Paris Exhibition. 1900. Pkt., 15c.

### DAHLIA, BURBANK'S SELECTION

**572**—This is another of L. Burbank's productions; the seed we offer is of his own saving, and he wrote that "this seed will produce a greater proportion of large, clear, bright colored, perfect double flowers than any ever before offered; 90 per cent of good flowers can be expected." Dahlias will bloom from seed the first Summer, if sown before May. Pkt. (50 seeds), 20c.; 3 for 50c.

### NEW DAHLIA, "20th CENTURY."

**573**—The New Orchid Flowered Dahlia. The flowers are very large,  $4\frac{1}{2}$  to 6 inches in diameter, sometimes reaching 7 inches, of perfect form and exquisite finish. The color is intense rosy crimson with white tips and white disc around the yellow center; a superbly beautiful and striking flower. As the season advances, the deep colored zone becomes lighter and the color contrasts are exquisitely lovely and can be compared with no other flower except the beautiful orchids. The keeping qualities are unsurpassed. The flowers have stems 2 to 3 feet long, keeping a long time after being cut in perfect condition. In addition to the rare beauty of the flower, it combines a sweet fragrance, making it the only fragrant Dahlia worthy of the name. Pkt. (10 seeds), 25c.

### NEW ROYAL PINKS.

**630**—*Dianthus Heddwigi Nobilis*. The Indian Pink has been a favorite flower for many years, being of easy culture and a graceful bloomer, requiring but little attention. *Dianthus Heddwigi Nobilis* is an improvement of the old-fashioned variety. The flowers are of a beautiful shape and from 3 to 4 inches in diameter. The petals are frilled and fringed, giving the flower a graceful appearance. The colors are, first of all, a deep yet very bright blood red, then shade to carmine and pink and even white. The plant grows vigorous and tall, and gives lots of first-class cut flowers, which will keep a full week in water. The more the blooms are cut, the more the plant will produce. Pkt., 10c.; 3 for 25c.;  $\frac{1}{2}$  oz., 40c.

### NEW HARDY GARDEN PINK,

### "MAUTNER."

*Dianthus Plumarius Semperflorens*, E. Mautner.  
**639**—One of the prettiest of the hardy Clove or Garden Pinks. The plants grow only 10 in. high, forming neat, compact bushes. The flowers are borne on stout stalks, well above the glaucous green foliage, are of a unique, rich satiny red color and possess that peculiar clove scent in a remarkable degree. The plants commence to bloom in June and continue until October. About 60 per cent of the seedlings will come true. Pkt., 25c.



### NEW STAR CINERARIA.

**489**—*Cineraria Hybrida Stellata*. This new type of Cineraria grows to a height of three to four feet. The plants branch freely and produce their little star-shaped flowers in countless numbers. They are borne on long stems and the colors range from white to pink, rose, carmine and blue. This is an exceptionally useful plant, being very decorative in growing condition and decidedly pleasing when cut; either in vases alone, or used with other flowers for this purpose, the flowers possess great lasting qualities. Pkt., 40c.; 3 for \$1.00.



NEW ROYAL PINKS.





BURBANK'S SHASTA DAISY.



NEW SILVER-LEAVED STAR PHLOX.



GLAUCIUM FLAVUM TRICOLOR.

## BURBANK'S NEW "SHASTA DAISIES."

The seed we offer is Mr. Burbank's own selection and therefore vastly superior to seed saved from inferior plants.

592—To-day no other flower can compare in extent of usefulness. Their first qualification is hardiness. They can be grown out of doors by everybody where it is not cold enough to kill oak trees. Second, they are perennial, blooming better and more abundantly each season. Third, they can be multiplied rapidly by simple division, and they are not particular as to soil. Fourth, they bloom for several months—in California nearly all the year. Fifth, the flowers are extremely large and graceful—averaging about a foot—often more in circumference, with three or more rows of petals of the purest glistening whiteness, on single, strong, stiff, wiry stems, nearly 2 feet in length." Pkt. (100 seeds), 25c.

## SOME VERY CHOICE LARKSPURS (*Delphinium*.)

609—Semi-Dwarf Perennial Larkspur. (*Delphinium Elatum Hybridum Nanum*.) The fact that almost all perennial Larkspurs grow to a height of 6 or 8 feet renders them unserviceable for many purposes, especially for bedding in the centre of a garden. This semi dwarf class will be much more generally useful, as the plants never reach over 3 to 3½ ft. in height and develop a splendid and long-continued show of bloom. They are of candelabra habit and produce extra large flowers in all shades of blue, from the lightest celestial to the deepest indigo. A bed of these new hybrids makes a surprisingly fine show when in full flower. They will bloom the first season if sown in good time. Pkt., 25c.; 3 for 65c.

603. *Delphinium Sibiricum Hybridum*. New Hybrids similar in growth and habit to the Chinese Larkspur, but producing much larger flowers of blue, light and dark violet and striped tints. When sown early, the seedlings will flower the same year. Pkt., 35c.

## NEW DOUBLE HARDY GAILLARDIA.

(*Gaillardia Grandiflora Semi-Plena*.)

727—No species of perennials excels the *Gaillardia grandiflora* in all-round value. This is due to its very large and extremely showy bloom, which is produced so freely and continuously as to render it invaluable for the herbaceous border. The new double varieties grow about two feet high and throw up long sturdy flower stalks, crowned with giant flowers which measure up to nearly 4 inches across. The ray florets appear frequently in two or three superposed rows and assume either a tubular or a broad and lacinated form. In color they are sometimes light and sometimes deep golden yellow, in many cases tinged more or less at the base with aurora or wine red. With these the velvety maroon red of the disk florets forms a sharp and brilliant contrast. These large-flowered semi-double hybrids, which come about 60 per cent true from seed, are uncommonly effective and will be found of inestimable value for cutting purposes. Pkt., 25c.; 3 for 65c.

## NEW CRIMSON HARDY GAILLARDIA.

(*Gaillardia Grandifl. Maxima Kermesina Splendens*.)

728—A magnificent color; rich crimson center with a border of canary yellow. The flowers are immense, over 4 inches across and are borne on long stout stems. Pkt., 15c.; 2 for 25c.

## GLAUCIUM FLAVUM TRICOLOR.

738—Remarkable hardy annual Horn-Poppy from Asia Minor, about 2½ feet in height. Its large, fine shaped flowers, 3 to 4 inches in diameter, are of the most brilliant orange-red with black or yellow spots at the base of each petal. This orange coloring is of great effect and very rare amongst annuals and biennials. The plants are continuously in full bloom during the greatest part of the summer. When sown in the open ground with Larkspurs, etc., in Autumn, the plants will bloom incessantly from June to August; when the seeds are sown in early Spring, the flowers will appear in July, and the plants will produce an abundance of bloom in uninterrupted succession until September. Seeds are slow of germination. Pkt., 20c.

## MELOTHRIA PUNCTATA.

888—Recently introduced from Austral Africa, where it is also known under the name of *Pilogyne suavis*, this very pretty climbing Gourd cannot fail to become very popular for it unites many good qualities rarely possessed by open air climbers. The foliage is elegantly cut, of a shiny dark green color; the flowers are white and sweet scented, followed by small light green fruits of the shape and size of gooseberries. Easy of cultivation, vigorous and rapid in growth, it is specially adapted for covering trellises, walls, etc. Pkt., 15c.; 2 for 25c.

## SILVER-LEAVED STAR PHLOX.

(*Phlox Dr. Cuspidata Fol. Alba-Margin.*)

1296—The plants branch freely, attaining the height of about one foot, and the flowers, mostly toothed (cuspidata), but some fringed (fimbriata), are of rose and carmine shades and form a delightful contrast with the beautifully variegated foliage. This new Phlox is a really remarkable introduction and will be found equally effective as a pot plant or in the open border. Pkt., 15c.; 2 for 25c.

## DIASCIA BARBERAE.

610—Extremely pretty and free flowering annual, a native of South Africa. Being of very easy culture and of rapid growth, the plants form many branched bushes of about one foot in height. The wonderfully shaped flowers, about three-quarters of an inch in diameter, present two spurs projecting from the back of the two lateral lobes of the lip and are of a rare pale pink or chamois-rose color. Planted in the open ground in May, the plants will bloom uninterruptedly from July to October. It is also a very showy and lovely plant when grown in pots. Pkt., 25c.

608—Kelway's New Hybrid Larkspur. If we were confined to but one hardy perennial, we would choose the Larkspur. For freedom of bloom, ease of culture, color, variety and general all-round satisfaction there is hardly anything equal to it. The plants bloom twice and often three times in a season, and last season our Kelway Hybrids were a mass of bloom from July until the severest frosts. While the common *Formosum* is a thing of beauty with its brilliant blue spikes, this new strain far surpasses anything we have seen. The flower spikes are stiff and strong, crowded with flowers, double and single, shading from pure light blue and lilac to the intensest indigo and purple shades, often with strange orchid-like markings. The seed we offer is from Kelway.

Large pkt., 25c.; 3 for 65c.; 5 for \$1.00.



NEW DOUBLE HARDY GAILLARDIA.

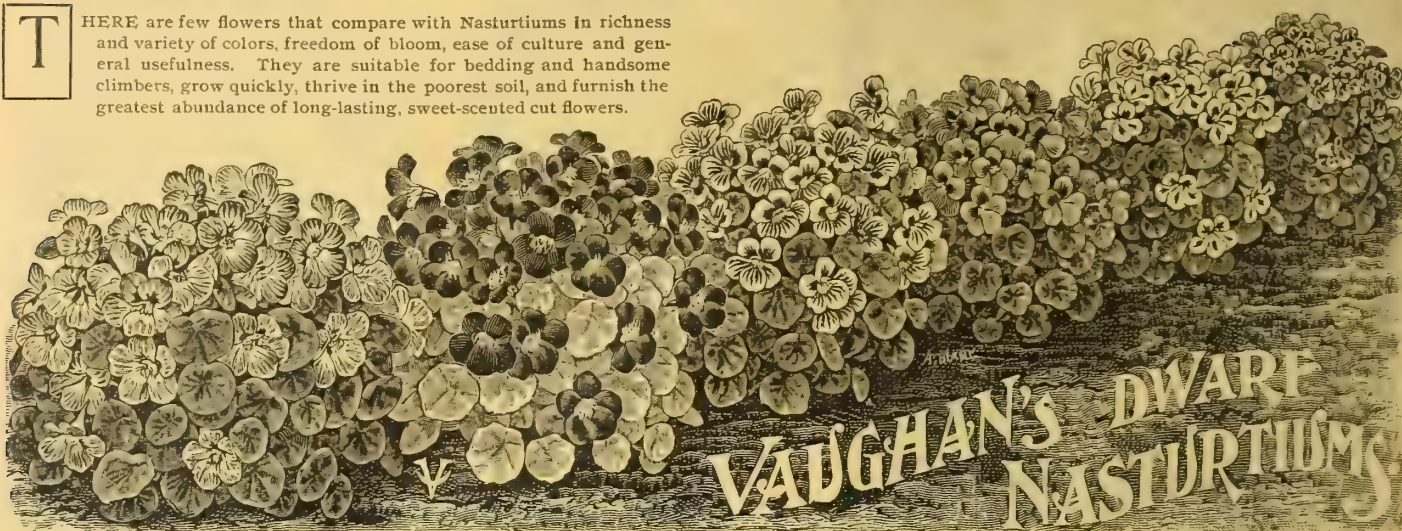


MELOTHRIA PUNCTATA  
"MINNEAPOLIS VINE."



# VAUGHAN'S NASTURTIUMS

**T**HERE are few flowers that compare with Nasturtiums in richness and variety of colors, freedom of bloom, ease of culture and general usefulness. They are suitable for bedding and handsome climbers, grow quickly, thrive in the poorest soil, and furnish the greatest abundance of long-lasting, sweet-scented cut flowers.



## Dwarf, or Tom Thumb Varieties

PRICE, any of the following, oz., 10c.; pkt., 5c.; any 3 pkts. for 12c. (except where noted).

### NASTURTIUM LILLIPUT (New) IMPROVED.

- 1035—Choice Mixed Colors.** A very special selection of this distinct and free blooming class; each plant forms a small, compact bush, with an immense number of small blooms thrown well above the foliage, and as a bedding plant is far before the Tom Thumb varieties. This selection also contains a much larger number of colors; in fact, as many as thirty or forty shades. The great charm of this novelty is that it throws its bloom so well above the leaves; in fact, in almost a pyramidal form, as it throws up a short stem in center of the plant covered with bloom. Pkt., 5c.; ½ oz., 10c.; oz., 15c.; ¼ lb., 50c.
- 1036—Aurora.** Deep chrome yellow, the two lower petals blotched and veined carmine.
- 1037—Beauty.** Scarlet, splashed canary.
- 1038—Crystal Palace Gem.** Sulphur, maroon spots.
- 1039—Empress of India.** A splendid dwarf variety, very dark leaves, crimson flowers. The true dark-leaved sort is scarce.
- 1040—Golden Cloth.** Distinct and striking. The foliage is of a bright yellow, while the flowers are intense scarlet.
- 1041—King of Tom Thumbs.** Intense deep scarlet flowers, dark foliage; very handsome.
- 1042—King Theodore.** One of the best dark red sorts, with dark, bluish-green foliage; a great favorite with florists.
- 1043—Golden King.** Brilliant yellow.
- 1044—Prince Henry.** The flowers are of a brilliant golden yellow, spotted and marbled with brilliant scarlet, which, in combination with the dark green foliage, presents a striking appearance.

**VESUVIUS. 1045—**This is the "Tom Thumb" variety of the tall climbing Nasturtium "Vesuvius." It produces dwarf, compact bushes covered with large flowers of a beautiful and brilliant salmon pink, an extremely bright color, showing off well at a distance. Pkt., 10c.; oz., 20c.

**DWARF CHAMELEON. 1046—**This Nasturtium is a most remarkable advance in this brilliant family. We find that in richness and variety of colors it surpasses any other strain, and is also unique in bearing flowers of quite distinct colorings on one and the same plant—some clear, deep crimson, others blotched on light ground, and others beautifully mottled. This characteristic, as well as the wonderful richness of the unusual markings, has been fixed, and we recommend both strains heartily to every grower of even the smallest garden. Pkt., 10c.; oz., 20c.; ¼ lb., 50c.

**1047—Lady Bird.** The ground color is a rich golden-yellow; each petal is barred with a broad vein of bright ruby crimson.

**1048—Ruby King.** Peculiar blue-tinted red.

**1049—Scarlet King.** Brilliant scarlet.

**1050—Pearl.** Creamy white.

**1051—Spotted King.** A very handsome sort.

**1054—Dwarf Nasturtium.** Mixed. Many colors. Lb., 70c.; ¼ lb., 20c.; oz., 10c.; pkt., 5c. Postpaid.

**1055—Park Collection, No. 1.** Ten varieties of Dwarf Nasturtiums, our choice. One pkt. each, 20c.

**1056—Park Collection, No. 2.** Ten Dwarf Nasturtiums, our choice. 1 oz. each, for 60c. Net, without discount.

### VAUGHAN'S SPECIAL MIXTURE OF DWARF NASTURTIUMS.

**1060—**Dwarf Nasturtiums are most admirably adapted to beds and borders. "Vaughan's Special Mixture" of Dwarf Nasturtiums will give a larger variety of colors in even proportions than any other Nasturtium mixture, for it is put up by ourselves from named sorts, and also contains a large share of the new, Lilliput Nasturtium and of the "Dwarf Chameleon," which have the richest and most varied combination of colors ever produced, showing odd colors hitherto unknown among flowers. Price, large pkt., 10c.; oz., 15c.; 2 ozs., 25c.; ¼ lb., 45c.; lb., \$1.50.

### VAUGHAN'S SPECIAL MIXTURE OF CLIMBING NASTURTIUMS.

**1100—**We call special attention to this mixture. In it will be found all the choicest colors of the tall Nasturtiums, the rich, velvety Lobb varieties, the Canary Bird Creeper, the new hybrids of Mad. Gunther and the new tall "Chameleon." The flowers are much larger than those of the old-fashioned kind, and in nearly all of them the petals overlap, while their color combinations are simply superb. These climbing Nasturtiums are admirably adapted to covering verandas, trellises and tree trunks, and are useful and handsome as cut flowers for bouquets, vases, buttonholes, etc. Price, large pkt., 10c.; oz., 15c.; 2 oz., 25c.; ¼ lb., 45c.; lb., \$1.50.

### SPECIAL OFFER NO. 139.

One pkt., each, Tall and Dwarf "Special" Mixture Nasturtium for 15c.;  
1 oz., each, for 25c.; ¼ lb., each, for 75c.; all postpaid.

**IN ORDERING FLOWER SEEDS** it is only necessary to state quantity (number of packets, ounces or pounds) wanted, the number in front of each variety and price.

VAUGHAN'S  
SPECIAL MIXTURE  
OF ...

**CLIMBING NASTURTIUMS.**

VAUGHAN'S  
SPECIAL MIXTURE  
OF ...

**DWARF NASTURTIUMS.**

There is no mixture of Nasturtiums equal to these two. We know it. Everything that is choice (including all the varieties on this page) is found in these mixtures, and we stake our reputation on their quality as well as on that of Vaughan's International Pansies, Vaughan's Petunias, "Vaughan's Best" Verbena, Phlox and all other flower seeds.





**TALL OR  
CLIMBING**

## NASTURTITIUM

The climbing Nasturtiums are ideal ramblers and when pegged down to the ground make a very showy bed. They grow to a considerable height, but will need some attention in the way of tying, as they do not readily adhere to support, being natural ramblers, suitable for stumps, rockeries, low fences or shrubbery. In flower they are showy and profuse and their foliage is always clean and refreshing.

### NEW CLIMBING NASTURTITIUMS.

- Price of any of the following: Pkt., 5c.; ½ oz., 10c.; oz., 15c.; except Nos. 1065 & 1066.
- 1061—Princess Victoria Louise.** This is surely one of the most beautiful and remarkable varieties of climbing Nasturtiums. The large flowers are cream-white with orange scarlet blotches, the calyx and the spur being of a pure orange-red, which is a rather rare color among the Nasturtiums; sometimes the flowers are edged with red.
- 1062—Firefly.** A very distinct sort; foliage rich and dark; flowers rosy salmon, underlaid with bright golden yellow. The petals are beautifully marbled and striped carmine.
- 1063—Marguerite.** Very dark foliage with purple stems. Flowers rich deep yellow; striped, blotched and marbled with bright shades of rich brown, orange and carmine. In its varied and showy markings it is almost as remarkable as the Chameleon Nasturtiums described on this page.
- 1064—Primrose.** Fine primrose-yellow. Each petal has a small dark brown blotch, and upper petals are lined with the same shade in the throat; the petals are long and narrow, making a loose, open flower.
- 1065—Ivy-Leaved.** This is a most distinct variety, differing from all other Nasturtiums in both foliage and flower. The plants are of strong running growth; the leaves are deep rich green, veined with silvery white. The flowers are of the deepest and richest scarlet, comparatively small in size, but of most distinct form, the petals being finely feathered. This New Ivy-leaved Nasturtium is also desirable as a trailing vine for planting in hanging-baskets, vases or for winter pot culture in the house. Pkt., 10c.; ½ oz., 15c.; oz., 30c.
- 1066—The Queen.** The flowers when opening are a brilliant salmon-orange, passing into a lighter hue. A very pleasing and pretty kind. Pkt., 10c.; ½ oz., 15c.; oz., 25c.
- 1067—Tall Chameleon.** This beautiful new variety has the wonderful property of producing flowers of many distinct colorings upon the same plant. Not only are the flowers of various colors produced on the same plant, but these flowers are variously blotched, splashed, striped and bordered in rich contrasting shades. On one and the same plant are found self-colored flowers, others stained and blotched on a clear ground, while others are broadly edged or banded with light or dark shades.
- 1068—New Climbing Nasturtium in Mixture.** All the above 6 kinds, well proportioned. Pkt., 10c.; ½ oz., 15c.; oz., 25c.; 2 oz., 40c.; ¼ lb., 75c.

### LOBB'S NASTURTITIUM. Price, any kind, oz., 10c.; pkt., 5c.

They are as easily grown as the common Tall Nasturtium, which they far surpass in brilliancy of their flowers, in height, rapid growth and freedom of bloom. Also very desirable for Winter blooming.

- 1069—Asa Gray.** The lightest color of all Nasturtiums; pale sulphur yellow; very delicate.
- 1070—King of the Blacks.** Deepest brown.
- 1071—Spitfire.** Bright scarlet; very effective.
- 1072—Lobb's Nasturtium, Mixed.** All the above and others, Lb., 60c.; ¼ lb., 20c.; oz., 10c.; pkt., 5c.
- 1073—Giant of Battles.** Sulphur, spotted red.
- 1074—Lill Schmidt.** Scarlet.
- 1075—Napoleon III.** Golden.
- 1076—Cardinal.** Scarlet.
- 1077—Lucifer.** Bright, glowing scarlet.

### TALL VARIETIES.

- Price, any kind, per oz., 10c.; pkt., 5c.; any 3 for 12c.
- 1079—King Theodore.** Rich, deep crimson, dark leaves; most striking variety of its class.
- 1080—Edward Otto.** Velvety bronze.
- 1081—Hemisphericum.** Straw color, with rosy scarlet blotches.
- 1082—Heinemanni.** Silky bronze, chocolate.
- 1083—Tall Pearl.** Cream white.
- 1084—Tall Prince Henry.** Flowers light yellow, marbled and striped with bright scarlet; very fine.
- 1085—Straw Color.** Distinct.
- 1086—Dunnett's Orange.** Golden.
- 1087—Schuermani.** Striped yellow and crimson.
- 1088—Shillingi.** Bright yellow; maroon blotches.



### NEW CLIMBING NASTURTITIUM.

- 1099—Mad. Gunther's Hybrids.** For richness and variety of colors these Hybrids have no equals among Nasturtiums. There are shades of rose, salmon, brightest rose, pale yellow, either as self-colors or spotted and striped. The foliage is mostly dark and contrasts very effectively with the rich colors. They are climbers and continuous bloomers. It is impossible to describe all the different colors, but some of the most striking are as follows: White, shaded carmine on the edges, with deep maroon throat; golden-yellow, shaded brown on edges; yellow, shaded and mottled with carmine; white, with red blotches; shrimp pink, with deep maroon throat; shrimp pink, self-color; rose, bright rose, bright yellow, orange, etc. It contains a great many colors that are not found in any other mixture. Price, large packet, 5c.; oz., 15c.; ¼ lb., 40c.; lb., \$1.25, postpaid.

- 1093—Von Moltke.** Bluish pink.
- 1094—Golden Cloth.** Flowers bright scarlet, foliage golden yellow, distinct.
- 1095—TALL NASTURTITIUM, Mixed.** Many colors Lb., 60c.; ¼ lb., 20c.; oz., 10c.; pkt., 5c., postpaid.
- 1096—"Tall Collection," No. 1.** Ten varieties, our choice, one pkt., each, 20c. Net, without discount.
- 1097—"Tall Collection," No. 2.** Ten varieties, our choice, one oz., each, 60c. Net, without discount.





**ORDER FLOWER SEEDS BY NUMBER.**  
There is a number attached to every variety of Flower Seeds. Our customers will find it a great convenience to order by number instead of copying the names.

# Sweet

## OUR SELECTION OF THE BEST SWEET PEAS.

Price of any of the following (except where marked), pkt., 5c.; oz., 10c.

- ROSY LAVENDER. 1500—ADMIRATION.** A grand flower of beautiful form, firm substance, and a delicate shade of rosy-lavender. The flowers are very large and finest hooded form, standing erect on stiff long stems.  $\frac{1}{4}$  lb., 15c.; lb., 55c.
- SCARLET and WHITE. 1501—AMERICA.** Its color is a white ground and through the center of the standard is a wide crimson-scarlet bar, veined with fine scarlet lines toward the edges of the standards.  $\frac{1}{4}$  lb., 15c.; lb., 50c.
- SALMON and WHITE. 1503—AURORA.** Flowers extra large; both standards and wings are flaked and striped orange-salmon on white ground. One of the best of the striped sorts.  $\frac{1}{4}$  lb., 15c.; lb., 50c.
- BLUE. 1516—COUNTESS CADOGAN.** The standard opens nearly purple, but soon changes to lilac and later to blue; wings bright blue, shading lighter at edges. In matured flowers the effect is a bright blue.  $\frac{1}{4}$  lb., 20c.; lb., 60c.
- PURPLE. 1525—DUKE OF WESTMINSTER.** Beautiful rosy-claret, of large size and beautiful hooded form. Three flowers to a stem.  $\frac{1}{4}$  lb., 20c.; lb., 65c.
- PINK and WHITE. 1506—BLANCHE FERRY.** An improved Painted Lady; the favorite pink and white. This sort is planted more than any other.  $\frac{1}{4}$  lb., 15c.; lb., 50c.
- ORANGE PINK. 1514—COCCINEA.** A beautiful, brilliant cerise self-colored flower of faultless form. New and distinct. Oz., 15c.; 2 ozs., 25c.
- LAVENDER. 1543—LADY GRISEL HAMILTON.** Standard mauve, wings lavender, of large size, and hooded form. It is the largest and lightest shade of lavender varieties, superseding New Countess, Countess of Radnor and other lavender sorts.  $\frac{1}{4}$  lb., 20c.; lb., 65c.
- ORANGE. 1553—MISS WILLMOTT.** Standards rich deep orange-pink, wings a shade lighter. Of enormous size. Oz., 15c.; 2 ozs., 25c.
- WHITE and LAVENDER. 1547—LOTTIE ECKFORD.** Large silvery-white flowers, beautifully shaded and edged with lavender.  $\frac{1}{4}$  lb., 15c.; lb., 55c.
- PRIMROSE. 1537a—HON. MRS. E. KENYON.** A beautiful primrose color, deeper than any other in that shade. A very large flower. Oz., 15c.; 2 ozs., 25c.

## VAUGHAN'S "PRIZE" MIXTURE OF SWEET PEAS.

**1590—**This mixture contains the cream of the new and standard sorts. It is made up entirely of new and separate sorts, carefully proportioned as to its composition, and we can safely say, "there is no better general mixture in existence," no matter at what price or under what name it may be offered. Price, by express, 10 lbs., \$7.00; 5 lbs., \$4.00; lb., \$1.00;  $\frac{1}{4}$  lb., 30c. By mail, postpaid, 2 lbs., \$2.00; lb., \$1.10;  $\frac{1}{4}$  lb., 30c.; 2 ozs., 20c.; oz., 15c.; pkt., 10c.

## SWEET PEA, "SALVATION LASSIE."

**1574a—**A unique Pea, the flower being of such peculiar shape as to suggest a resemblance of a salvation lassie's bonnet. Color, a soft shade of deep rose throughout. Pkt., 10c.; oz., 15c.; 2 oz., 25c.

## MOSS VERBENA.

This new Verbena produces a mass of fine, moss-like foliage, and as the branches spread out over the ground in all directions, a lovely carpet of mossy green is formed, above which are borne the delicate clusters of blossoms in the wildest profusion. The effect is most charming. It is more hardy and robust than most Verbenas, and blooms in a very short time and until late in Fall. It is novel and beautiful.

- 1720—PURPLE MOSS VERBENA.** Pkt., 5c.;  $\frac{1}{4}$  oz., 20c.  
**1721—NEW WHITE MOSS VERBENA.** Pkt., 10c.  
**1722—WHITE AND PURPLE MOSS VERBENA, MIXED.** Pkt., 10c.; for 25c.

## WIGANDIA VIGIERI.

**1754—**A very imposing foliage plant of tropical effect. The plants grow 6 to 8 feet high, the foliage is large and very ornamental. Suitable for center of a Canna bed, or in perennial border. Seeds must be started in the house. Pkt., 15c.; 2 for 25c.

## INCARVILLEA VARIABILIS NANA.

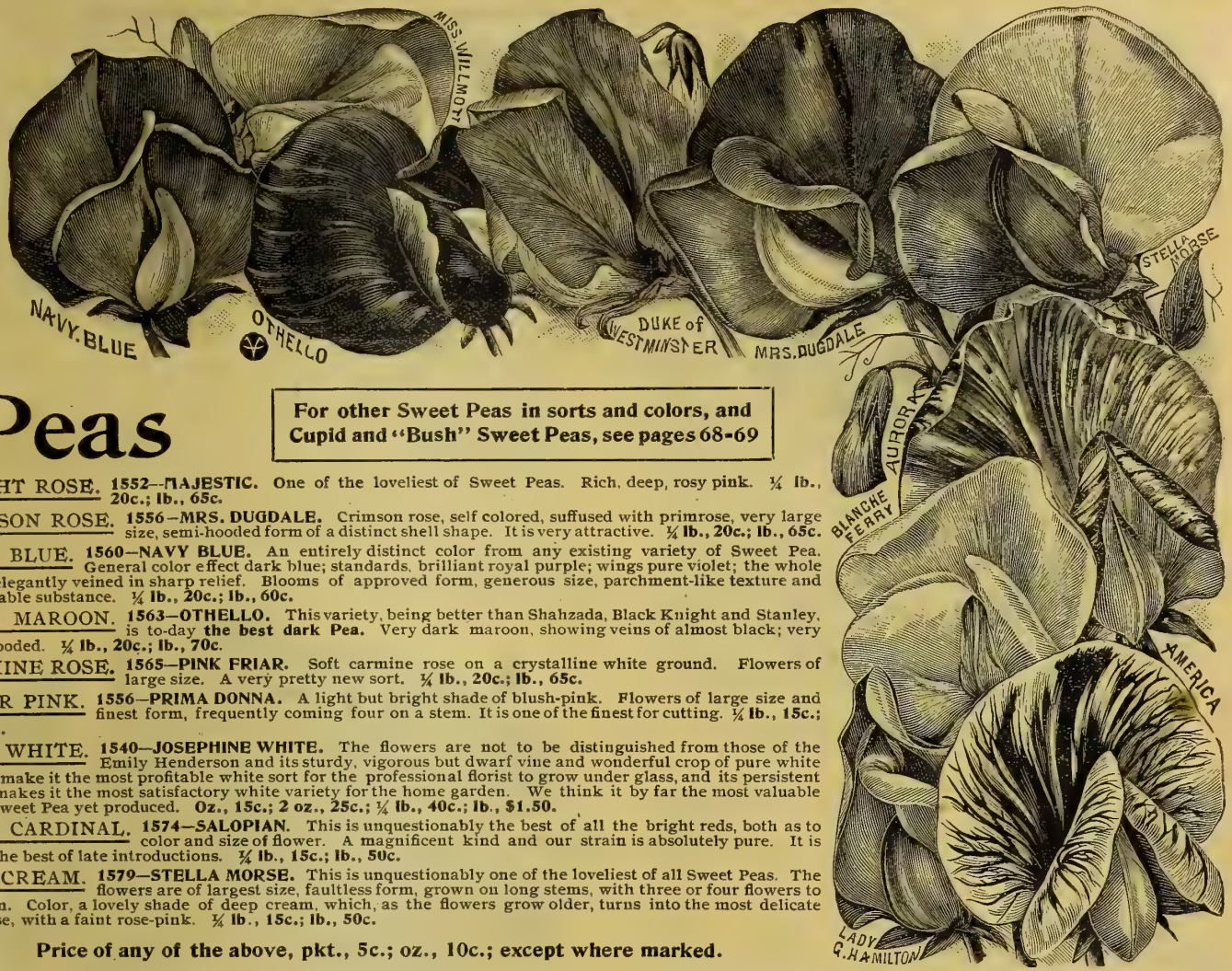
**828—**New compact growing variety of this beautiful Bignoniacea, attaining but about one foot in height. The plants are completely covered with the pretty pink flowers. When sown early the plants may be treated as annuals, producing thus their flowers without interruption from June to October. Pkt., 25c.



MOSS VERBENA.

**1555—MONT BLANC SWEET PEA.** This variety originated in the Extra Early Blanche Ferry, and like that sort is of dwarf, slender, very graceful habit with narrow leaves, throwing the blossoms well out from the foliage so that every one is well exposed. Its greatest merit is in its extreme earliness and its consequent fitness for forcing. The flowers are of very good form and size and very clear white color. Pkt., 10c.; oz., 15c.;  $\frac{1}{4}$  lb. 30c.; lb., \$1.00.





# Peas

For other Sweet Peas in sorts and colors, and Cupid and "Bush" Sweet Peas, see pages 68-69

**BRIGHT ROSE. 1552—MAJESTIC.** One of the loveliest of Sweet Peas. Rich, deep, rosy pink.  $\frac{1}{4}$  lb., 20c.; lb., 65c.

**CRIMSON ROSE. 1556—MRS. DUGDALE.** Crimson rose, self colored, suffused with primrose, very large size, semi-hooded form of a distinct shell shape. It is very attractive.  $\frac{1}{4}$  lb., 20c.; lb., 65c.

**TRUE BLUE. 1560—NAVY BLUE.** An entirely distinct color from any existing variety of Sweet Pea. General color effect dark blue; standards, brilliant royal purple; wings pure violet; the whole flower elegantly veined in sharp relief. Blooms of approved form, generous size, parchment-like texture and remarkable substance.  $\frac{1}{4}$  lb., 20c.; lb., 60c.

**DEEP MAROON. 1563—OTHELLO.** This variety, being better than Shahzada, Black Knight and Stanley, is to-day the best dark Pea. Very dark maroon, showing veins of almost black; very large hooded.  $\frac{1}{4}$  lb., 20c.; lb., 70c.

**CARMINE ROSE. 1565—PINK FRIAR.** Soft carmine rose on a crystalline white ground. Flowers of large size. A very pretty new sort.  $\frac{1}{4}$  lb., 20c.; lb., 65c.

**CLEAR PINK. 1556—PRIMA DONNA.** A light but bright shade of blush-pink. Flowers of large size and finest form, frequently coming four on a stem. It is one of the finest for cutting.  $\frac{1}{4}$  lb., 15c.; lb., 50c.

**PURE WHITE. 1540—JOSEPHINE WHITE.** The flowers are not to be distinguished from those of the Emily Henderson and its sturdy, vigorous but dwarf vine and wonderful crop of pure white flowers make it the most profitable white sort for the professional florist to grow under glass, and its persistent bloom makes it the most satisfactory white variety for the home garden. We think it by far the most valuable white Sweet Pea yet produced. Oz., 15c.; 2 oz., 25c.;  $\frac{1}{4}$  lb., 40c.; lb., \$1.50.

**PURE CARDINAL. 1574—SALOPIAN.** This is unquestionably the best of all the bright reds, both as to color and size of flower. A magnificent kind and our strain is absolutely pure. It is one of the best of late introductions.  $\frac{1}{4}$  lb., 15c.; lb., 50c.

**RICH CREAM. 1579—STELLA MORSE.** This is unquestionably one of the loveliest of all Sweet Peas. The flowers are of largest size, faultless form, grown on long stems, with three or four flowers to the stem. Color, a lovely shade of deep cream, which, as the flowers grow older, turns into the most delicate primrose, with a faint rose-pink.  $\frac{1}{4}$  lb., 15c.; lb., 50c.

Price of any of the above, pkt., 5c.; oz., 10c.; except where marked.

**SPECIAL OFFER No. 148.** One pkt. (regular size) each of 20 kinds for 50c.

**SPECIAL OFFER No. 149.** One oz. each of 20 kinds for \$1.00.

**SPECIAL OFFER No. 151.** 10 ozs. New Sweet Peas for 65c. One oz. each of the kinds of Special Offer No. 150.

**SPECIAL OFFER No. 150.** 10 pkts., New Sweet Peas, 25c. One pkt each Othello, maroon; Salopian, cardinal; Majestic, rosy pink; Josephine White, white; Blanche Ferry, pink and white; Stella Morse, rich cream; Navy Blue, true blue; Prima Donna, bright rose; Lady Grisel Hamilton, lavender; Miss Willmott, orange.

## SWEET PEA, INCONSTANCY.

**1538—**When one grows a lot of this variety for the first time he would be likely to think it a mixture of two quite distinct varieties, one a fine primrose colored sort, the other a clear white, but if he watches it from day to day he will discover that the primrose colored and white flowers are produced on the same plant. Some days practically all the flowers of the lot, or on any single plant, are a clear white; at other times all will be a distinct primrose. The difference in color is not due to fading, but seemingly to condition of the plant. Often the flowers on one branch will be primrose while all the rest on the plant will be white. The vine is dwarf and graceful like that of the Extra Early Blanche Ferry, and comes into bloom fully as early. Pkt., 10c.; oz., 15c.; 2 oz., 25c.;  $\frac{1}{4}$  lb., 40c.

## SWEET PEAS, MIXTURE OF TRIAL GROUND SELECTIONS.

**1591—**We purchased almost half a ton of new selections from one of California's Sweet Pea specialists. They are selections of crosses made with the object of creating new varieties. They are sent to us in separate parcels; and the mixture we offer is composed of these new kinds. Among others, this mixture contains a striped Shahzada, a very deep Katherine Tracy, a light blue Gray Friar, a light Aurora, a deep Mrs. Dugdale, an extra large Stella Morse, a purple Golden Gate, a large Fluted White, besides a great many other choice selections. Pkt., 10c.; oz., 15c.; 2 ozs., 25c.;  $\frac{1}{4}$  lb., 40c.; lb., \$1.25.

## SALVIA SPLENDENS, "TRIUMPH."

**1417—**This splendid new Salvia, a German production, was awarded a medal at the Horticultural Exposition at Dresden. It is an extremely early bloomer, commencing to produce its flowers in June, if started early in the house, and continues to bloom until frost. The plants grow about three feet high, are very bushy and the flowers are borne well above the rich green foliage. The color of the flowers is the richest, purest scarlet. A very effective kind. Pkt., 15c.; 2 for 25c.

## SALVIA RINGENS.

**1423—**This sage, a native of Greece, is perfectly hardy, of the easiest culture and very ornamental when in flower. It grows from  $1\frac{1}{2}$  to 2 feet in height, the stem being shrubby at the base, and bears pinnate foliage. The large flowers, about  $1\frac{1}{2}$  inches long, are of a delicate pale blue with a tinge of white and azure blue on the lower lip; they are borne in long racemes, but sparingly branched, in whorls of about six. Valuable addition to the collection of hardy perennials. Pkt., 20c.



NEW SCARLET SALVIA—TRIUMPH.



## New Pansies

For Vaughan's International, the best and most complete Pansy mixture in the world. See page 62.

### 1125—MASTERPIECE—New

**Giant Curled.** This strain comes nearer to "Double Pansies" than anything ever introduced under that name. In reality the number of petals is the same as that in other Pansy flowers, but they are crimped and curled in such a fashion that the flowers appear double. The flowers are of enormous size, often 3 inches across, and the color variations and combinations are odd and striking. Pkt. (200 seeds), 20c.; 3 for 50c.

**1126—Psyche.** Not one of the many Pansy varieties has such a winning appearance as Psyche. The plant is perfect in habit and very floriferous. Each flower is elegantly curled and undulated and in every respect a beauty in form and color. The characteristic five velvety violet blotches or eyes are surrounded by a broad white edge. Comes true from seed. Pkt., 35c.

**1127—Bridesmaid.** The flowers of this new, interesting variety are very large and of fine form. Its ground color is a Rosy White, rivaling in delicacy and beauty with the finest Appleblossom, and most strikingly setting off the dark blotches of the centre. Pkt. (120 seeds), 10c.

**1128—Ruby.** This new variety embraces the richest shades of red colors, from scarlet, scarlet-orange, wine-red

to rose. Originating from the Giant Cassier class it possesses the same regular dwarf habit of the plants and the large size and fine form of the flowers. Pkt. (120 seeds), 15c.

**1129—Giant Pretiosa.** The flowers of this novelty are similar to those of the Masterpiece Pansy, each petal is marked with a very large blotch of deep violet color; these blotches are surrounded by a brilliant crimson rose background and the ground color is margined with a pure white edge. A very effective and bright variety, and we are sure that this novelty will please our customers. Pkt. (100 seeds), 15c.

**1130—New Orchid-Flowered Pansies.** A most interesting type of Pansies of the Giant Flowered Class, containing a mixture of the most surprising, novel, unique and beautiful color combinations, entirely new among Pansies. The ground color of nearly all the flowers is in light shades, the petals are marked with large brown or golden yellow blotches which diffuse into rays and veins toward the edge. The upper petals are upright and sort of plaited, which gives the flowers their resemblance to orchids. The colors range in the terra cotta shadings as well as in the flesh, orange, rose, pink and lilac. Pkt., 15c.

NEW PANSY,  
PSYCHE.

### VAUGHAN'S "ELITE" MIXTURE OF PANSIES.

**1131—**This is not a complete mixture like our International; it does not contain any pure white, yellow or any self colors, nor any other of the well-known kinds. It is comprised of the cream of four Pansy specialists' choicest and most expensive mixtures and such new and novel kinds as listed above. It is a mixture that will please everybody who knows and likes Pansies and can appreciate quality in color, shape, size and substance, in fact everything that makes a perfect Pansy. Pkt. (250 seeds), 50c.

**MUSA RELIGIOSA.** (*Fetich-Banana*.) **1136—**A grand and really imposing Musa, called by the natives of Cameroons and the Congo State, the Fetich-Bananas. It distinguishes itself from M. Ensete by its much more robust growth, its large, erect pale green leaves with short extremely thick blackish-brown petioles. The leaves are of a very solid texture, resisting the wind without being torn; dying off in Autumn. The bulbous trunk which remains may easily be conserved during the Winter and started again in Spring. Pkt. (5 seeds), 25c.; 2 pkts. for 40c.

### THE HOWARD STAR PETUNIAS.

**1254—**Their ground color is a dark crim-son maroon, with a rich velvety texture. Showing through the ground color are violet veinings. From the center starts the points of a five-rayed star, which broadens half way up, narrowing to a point at the margin of the flower. This star is a very light blush pink, almost white, which deepens in color as it reaches the margin and finally blends with the maroon ground color. Over eighty per cent of the plants from seed will produce the star markings. Others with veined and feathery markings on dark or light ground are not less surprisingly beautiful. The plants are free growers, branching freely and attaining an average height of 18 in. by 24 in. in diameter. They are remarkably prolific bloomers, single plants often having 100 or more fully expanded flowers at a time. Pkt., 15c.; 2 for 25c.

### Platycodon Mariesi Macranthum.

**1320—**Also called New Tuberous Rooted Clematis. This is a grand thing, not a climber, but a low-growing, bushy, herbaceous plant with handsome deep green foliage and bearing grand clusters of beautiful large bell-shaped flowers, lovely violet-blue, and resembling the Jackmanii Clematis in graceful beauty. It makes a handsome, vigorous plant, from 1 to 2 ft. high, needs no staking, blooms the first year and from early June until October. It is entirely hardy and becomes finer as it grows older. A beautiful plant for the flower bed, and sure to give satisfaction. Pkt., 10c.; 3 for 25c.

**Melanthus Major.** **889—**A very ornamental plant, largely employed in sub-tropical gardens. It thrives well in the open air throughout the year and makes a remarkable conservatory plant. The flowers are bronze and are borne in rather long spikes springing from the axils of the upper leaves. The leaves are large and deeply cut into acute divisions. The stems are hollow and woody at the base. They grow to a height of 4 to 6 ft. and are splendid for large borders or mixed in with cannas, castor beans or other ornamental foliage plants. Per pkt., 25c.



TUBEROUS ROOTED CLEMATIS (PLATYCODON).



PETUNIA—HOWARD'S STAR.



MELANTHUS MAJOR.



# VAUGHAN'S

(THE BEST IN AMERICA)

## Flower Seeds

**The Kinds Here Offered** are in all the important kinds special strains selected and kept true for florists' use. In every class of interest for florists, such as Asters, Pansies, Primulas, Cyclamen, Cinerarias, etc., we not only carry a complete assortment, but also the most expensive strains that the most careful growers and specialists can produce. We use in all our choicest mixture of the florists' seeds some varieties which actually cost us more than the selling price, but which bring up the mixture to a high standard.

**Of New Crop and Tested Germination.** We prove the growth of our active selling stocks twice a year, and none are sent out which do not show the right percentage of growth.

**To Have "The Best Flower Seeds in America"** is and has been our aim and ambition for years, and judging by the great increase in our sales of flower seeds to the trade and to florists, as well as to retail buyers, and knowing the quality we supply, we can safely say **THERE ARE NONE BETTER.** Our knowledge of the flower seed business has been gained by practical labor among the plants in the fields, by frequent trips of inspections through European and American seed farms, and by the study of the demands of the trade. Our list contains **all the best novelties** that we know to be worthy of cultivation and that are improvements on the older kinds or entirely new varieties, as well as **all the standard sorts.** The quality of our seeds is the very best, and our prices are reasonable.



A SUGGESTION FOR A BORDER: In outer row, *Alyssum Little Gem*; the next row, *Ageratum Blue Perfection*, and *Hollyhocks* behind.

### ABUTILONS.

Pretty plants, useful for pots in Summer. They form handsome little bushes, covered with bell-shaped flowers in the daintiest and also strongest colors, dotted and handsomely veined. Are of easy culture; bloom readily from seed the first Summer.

**48—Royal Prize Mixture.** Pkt., 10c.

**49—Abutilon.** Good mixed. Pkt., 5c.

### ABRUS PRECATORIUS or Weather Plant.

**47—The wonderful Weather Plant (Abrus) of the West India Islands** is now successfully cultivated in gardens. It has a very beautiful foliage and blossoms, and it is claimed that the state of the weather may be told for some time in advance by the position the leaves assume. Seeds bright scarlet, very beautiful and very hard. Soak them well in warm water before sowing. Pkt., 5c.



AGERATUM, PRINCESS PAULINE.

### AGERATUM.

**56—Princess Pauline.** A most distinct and novel variety of dwarf compact habit, rarely exceeding five inches in height, its peculiarity being that both colors, blue and white, are combined in the same flower; the body of the flower being white, the stamens are of a light sky-blue, giving the flower a pretty variegated appearance. One of the most distinct new bedding plants. Pkt., 10c.; 3 for 25c.

**57—Blue Perfection.** In habit this new kind resembles the Imperial Dwarf Blue, but it far surpasses it by its deep amethyst blue flowers. It is the darkest of all blue Ageratums that can be grown from seed. Pkt., 10c.; 3 for 25c.

### AGROSTEMMA COELI ROSA.

**64—(Rose of Heaven.)** Free blooming and attractive plants, with velvety foliage and pretty rose flowers; 8-inch hardy perennial. Pkt., 5c.

**20 Cts.' Worth of Seeds EXTRA** will be allowed on each ONE DOLLAR sent for seeds in packets and ounces. For particulars, see inside front cover page.

### AGERATUM

One of the best of Summer-flowering plants grown from seeds. The plants start readily, grow rapidly and soon come into bloom, and when they begin to bloom they flower uninterruptedly throughout the season. During the hot, dry Summer months there are no brighter or more freely produced flowers. Set the dwarf sorts ten inches apart, they soon make a low mass of charming blue or white, and are never disappointing.

**58—Ag. Mexicanum.** Blue. Pkt., 5c.

**59—Mexicanum Album.** White. Pkt., 5c.

**60—Imperial Dwarf Blue.** Excellent plant for ribbon borders; 6 inches. Pkt., 5c.

**61—Imperial Dwarf White.** Like above except in color. Pkt., 5c.

**62—Ageratum.** Mixed. ¼ oz., 15c.; pkt., 5c.

### Sweet Alyssum

**67—The Sweet Alyssum** is one of the finest hardy annuals we have, and is beloved by many on account of its modest blossoms, very similar to white Forget-Me-Nots. It is pleasantly fragrant, and is just the thing for personal adornment or for the breakfast table. It is good to use for funerals, either alone or with other flowers.

It begins to blossom early in the season and blooms more or less constantly until Fall. The roots spring up anew in April, and the ground is soon covered with the Fern-like foliage and flowers. It does not spread any to speak of, and may be easily kept in check. It is a fine plant for edgings or borders; when not in bloom the foliage alone is pleasing. It is a neat, thrifty, healthy grower and should be cultivated by every one who wants an all-around good plant. Sow the seed wherever they are to remain. If too thick, thin out. ¼ oz., 15c. (enough for a row 40 feet long); oz., 25c.; pkt., 5c.; 2 oz., 40c.; lb., \$2.00.

### HARDY ALYSSUM.

**71—Golden Saxatile.** Flowers brilliant golden yellow, completely hiding the foliage. Plants about one foot high, desirable for rock-work and quite showy in masses. A hardy perennial. Pkt., 10c.



### ALYSSUM VAUGHAN'S LITTLE GEM.

**70—This** should really be called the "Snow White Carpet Plant," for the plants, which are only a few inches high, grow so dense, and are so completely covered with snow-white blossoms, they create the impression of a beautiful carpet spread over the ground. We know of no other white flower which is so particularly well adapted to borders, ribbons, etc., as our "Little Gem" Alyssum. The plants commence to bloom when quite small, and will flower uninterruptedly all Summer long till late in Fall. Added to this is the sweet fragrance, and we cannot see how a garden could be complete without it. Pkt., 5c.; ¼ oz., 15c.; ½ oz., 25c.; oz., 40c.



ALLEGHENY VINE.

### ALLEGHENY VINE.

**53—Mountain Fringe, or Adlumia Cirrhosa.** This is a hardy climbing plant, native of the Allegheny Mountains; very attractive and picturesque; dainty, feathery, pale green foliage; flowers delicate rose, pink and white. 15 ft. Pkt., 5c.

### AMARANTHUS

**78—Amaranthus, Sunrise.** A most beautiful plant; height, two feet; the leaves are long and narrow, the upper ones of the brightest glowing crimson. Pkt., 10c.

**80—Splendens.** The finest of its class, with leaves of the most brilliant colors. The inner foliage is of blackish bronze, tipped with green, while the outer foliage is bright scarlet and gold. Pkt., 5c.

**82—Trico or. (Joseph's Coat.)** Scarle, green and yellow. 2½ ft. Pkt., 5c.

**83—Amaranthus Fine Mixture.** All the above and many others. Pkt., 5c.; ¼ oz., 12c.





VAUGHAN'S FIREBALL.



DWARF QUEEN ASTER.



COMET, OR POODLE ASTER.

# VAUGHAN'S ASTERS

See Also . . .  
Novelty Pages

Our Packets of Asters contain a Very Liberal Amount of Seed, from 100 to 200 Seeds or More.

## DWARF SORTS

### DWARF PIGMY ASTER.

150—Pretty little plants of handsome form, completely covered with flowers, each plant forming a neat bouquet. The flowers are of the most distinct and delicate shades. Height, 8 inches. Many colors mixed. Pkt., 5c.;  $\frac{1}{2}$  oz., 20c.

### VAUGHAN'S LITTLE GEM.

151—One of the prettiest Asters we know. The neat bushes, about six inches high, are covered with flowers of the most charming combination of pink and white. A clump or row of them will form a very pleasing spot in the garden. Pkt. 10c.

**VAUGHAN'S FIREBALL.** 154—The most brilliant Dwarf Aster. It forms a neat, well-shaped bush about ten inches in height and is covered with beautifully shaped double flowers of the brightest scarlet. Very effective if planted out in beds; also valuable for pot culture. Pkt., 10c.; extra large pkt., 25c.

### DWARF QUEEN.

**The Finest Dwarf Aster.** This splendid Aster makes low bushy plants about 10 inches high, of compact habit of growth, producing a great number of double, extra large flowers which resemble in shape those of the Victoria Aster and measure from 3 to 3 $\frac{1}{2}$  inches diameter. Excellent for bedding and pot culture.

156—White. 158—Pink. 160—Light Blue. } Each, per pkt., 10c.;  
157—Crimson. 159—Dark Blue. } any 3 for 25c.  
161—Dwarf Queen Aster. Mixture of all colors. Pkt., 10c.; per  $\frac{1}{2}$  oz., 25c.

### DWARF CHRYSANTHEMUM FLOWERED.

Of very compact growth; flowers from 3 to 4 inches in diameter and very abundant; later than other varieties, therefore valuable for succession. 10 inches high.

164—Snow White. 169—White turning to Azure Blue. } These two are  
165—Brilliant Rose. 170—White turning to Pink. } beautiful sorts.  
166—Dark Crimson. 171—Light Blue and White. 173—Light Blue.  
167—Fiery Scarlet. 172—Dark Blue. 174—Peach Blossom.  
168—Silver Gray. A new, very distinct and pleasing color.  
Each of above, pkt., 10c.; any 3 for 25c.; any 6 for 45c.  
175—Many colors mixed. Pkt., 5c.;  $\frac{1}{2}$  oz., 30c.  
176—Imported collection. 12 colors, 45c. 177—Imported collection. 6 colors. 25c.

### DWARF COMET, OR POODLE.

A handsome and very distinct Aster, resembling the Japanese Chrysanthemum in shape of flowers, the petals are very long and beautifully curled, are of a lovely delicate pink bordered with white, bright pink, light blue and other colors.

183—Peach Blossom. 186—Pink and White. 188—Dark Blue.  
184—White. 187—Light Blue and White. 189—Lavender.  
185—Rose. 190—Crimson.

Any of above Comet Asters, per pkt., 10c.; any 3 for 25c.

191—Comet Asters. Many colors mixed. Pkt., 10c.; 3 pkts., for 20c.

195—Dwarf Victoria. This is one of the best semi-dwarf Asters in existence. The flowers are very large, are borne on upright stems, are of ideal form, and the colors are of the richest and daintiest hues. There are color combinations and shadings in this class of Asters not found in any other class. Height, 10 inches. Many colors mixed. Pkt., 10c.; 3 pkts., for 25c.

197—Dwarf Asters. Many different classes mixed.  $\frac{1}{2}$  oz., 20c.; large pkt. 5c.

### VAUGHAN'S EXCELSIOR MIXTURE OF DWARF ASTERS.

200—Many of our customers may find it difficult to choose among the above strains of Dwarf Asters, and where not desired for an even bed or border, we recommend the planting of our Excelsior Mixture. It is comprised of the most distinct and desirable colors of the different classes of Dwarf Asters and many others not listed above, specially selected for this mixture, and we guarantee it to give satisfaction. Pkt. (250 seeds), 15c.; extra large pkt., 25c.;  $\frac{1}{2}$  oz., 50c.

PEONY-FLOWERED  
ASTER.

**PEONY-FLOWERED ASTERS.** (Truffaut's.) One of the handsomest sorts. The plants grow from 18 to 24 inches high; the flowers are borne on long, wiry stems, are very large, from 3 to 4 inches in diameter, very double and in shape like a Peony.

260—Pure White. 266—Light Blue.  
261—White and Blue Black. 267—Shining Blue-Black.  
262—Brilliant Rose. 268—Brilliant Scarlet, a  
263—Gravelotte (deep blood-red) most striking and beautiful color.  
264—Pink and White. 269—La Superbe, sky-blue  
265—Dark Blue. tipped white.  
Each of the above, per pkt., 10c.; any 4 for 25c.  
270—Mixed Colors. Pkt., 10c.;  $\frac{1}{2}$  oz., 25c.  
271—Imported Collection, 6 colors, 25c.  
272—Imported Collection, 12 colors, 50c.



# Vaughan's Asters

See also Novelties

## Tall Sorts

**Giant Branching Asters.** Beautiful Asters for cut flowers. Quite different in several respects from any Aster known. The branching habit is accompanied with great vigor of growth and profusion of bloom. The flowers are very large, very double, borne on long stiff stems, and the colors are clear and handsome.

237—White. 238—Pink. 239—Lavender. 240—Purple. 241—Red.

Price, pkt. (100 seeds), 10c.; 1 pkt. each of the 5 for 30c.

242—Giant Branching Asters. Mixed. Pkt. (200 seeds), 10c.; 3 pkts. for 20c.; ¼ oz., 40c.

**Vaughan's New Upright Branching Aster.** The flowers are and of the true "Semple" type. The plants grow about 30 inches high, and produce from 20 to 25 flowers, which are borne on stems from 20 to 24 inches long. Its upright habit admits of close planting and it will attain full growth when set only 15 or 16 inches apart. The growing of many plants in a small space is a decided advantage when room is scarce. We can furnish this in white and pink. Price, Vaughan's Upright, White (243), or Pink (244), Branching Aster, per large pkt., 10c.; 3 pkts. for 25c. The two colors mixed (244 a), in one pkt., 10c.; per ¼ oz., 25c.

**Vaughan's Improved Victoria.** Undoubtedly the most handsome Aster in cultivation, and we have an excellent strain of it. Flowers very large and perfectly double, of globular shape and beautifully imbricated; plants are of fine pyramidal form. 1½ feet high.

225—Pure White. 229—Dark Blue. 232—White, turning to  
226—Apple Blossom. 230—Pink. Azure Blue.  
227—Light Blue. 231—Crimson and 233—Indigo Blue on  
228—Crimson. White. White ground.

Each of the above, pkt., 10c.; any 3 for 25c., or per ¼ oz., 30c.

234—Many Colors, finest mixed. Pkt., 10c.; ½ oz., 25c.; ¼ oz., 45c.

235—Imported Collection, 12 colors. 60c.

236—Imported Collection, 6 colors. 30c.

**Vaughan's Beauty.** 245—A splendid sort, resembling Victoria Aster in shape and size of flowers and growing about 2 feet high. The color is the brightest red imaginable with a satiny gloss. Pkt., 10c.

**Giant Washington or Jubilee.** 246—The flowers of this type resemble the Victoria Asters, they are, however, much larger. We can recommend it to all who like a tall-growing Aster with very large flowers. The colors are very good, a good cut-flower sort. Many colors mixed. Pkt., 10c.

247—Washington Aster, Yellow. The best of the tall Asters, approaching yellow. Pkt., 10c.

**Queen of the Market Aster or Earliest of All.** The flowers are of good size, double and are borne on long stems.

250—White. 251—Pink. 252—Crimson. 253—Light Blue.  
254—Mixed. Each, per pkt., 5c.; per ¼ oz., 20c.

## JAPANESE GIANT or "TASSEL" ASTER.

255—Entirely distinct from all other Asters. The flowers are of immense size, measuring from 5 to 6 inches in diameter, with long petals curiously twisted. Mixed colors, pkt. (150 seeds), 10c.; 3 pkts. for 25c.

## GIANT COMET.

This class is one of the handsomest of the tall-growing sorts. The plants grow about 18 inches high and bear in great abundance their beautiful flowers. These flowers, with their long, twisted petals, strikingly resemble Japanese Chrysanthemums and are of very large size.

276—Snow White. Of immense size. Pkt., 10c.; ½ oz., 30c.

277—The Bride. The flowers, at first pure white, change to a lovely pink and finally to a beautiful rose tint; a most charming variety for cut-flowers. Pkt. (120 seeds), 10c.; 3 pkts. for 25c.

278—Yellow. Pale sulphur yellow. Pkt. (120 seeds), 10c.; 3 for 25c.

279—Pink. This is, par excellence, the pink tall Aster and a larger proportion of its flowers come double than in any of the above sorts. Pkt., 10c.

280—Lavender. 281—Dark Blue.

282—Crimson. Each, per pkt., 10c.

283—Giant Comet, Mixed. Includes the above colors and others. Pkt., 10c.; per ¼ oz., 25c.

**Crown Asters.** 285—Central petals of purest white, making a striking contrast to the large, brilliantly colored outer petals; very effective. 2 feet. Many colors mixed. Pkt., 5c.; ½ oz., 20c.

**Double Quilled Asters.** 286—These are great favorites on account of their free-blooming qualities, and the low price of the seed recommends them to many who want a nice Aster. Pkt., 5c.; oz., 50c.

**The Yellow Aster.** 287—This is the nearest approach to a real Yellow Aster. The flowers are large, globular, quilled and very double and of a clearly pronounced sulphur yellow. Pkt., 10c.; 3 for 25c.

**White Asters in Mixture.** 288—Victoria White, Truffaut White, Branching White, Snowball, Giant Comet, White and Rose Aster White, all mixed in one pkt. (150 seeds), 10c.; 3 pkts., 25c.; ½ oz., 40c.

**Tall Asters.** 289—Many kinds and colors, mixed. Pkt., 5c.; ¼ oz., 20c.

## Vaughan's Excelsior Mixture of Tall Asters.

300—This is a mixture of the most beautiful, striking and distinct colors of all the above tall growing Asters, selected from the cream of the Truffaut's, Victoria, Crown, Giant Comet, Branching and other desirable sorts and includes many kinds specially purchased for this mixture; also the kinds listed in the Novelties. This is the finest mixture of Tall Asters in existence and the most critical lover of this flower will be astonished at the wide range of colors and varieties given in this truly Excelsior strain. Per pkt. (250 seeds), 15c.; extra large pkt., 25c.; per ¼ oz., 50c.



GIANT BRANCHING ASTER.



VAUGHAN'S IMPROVED VICTORIA ASTER.





NEW GIANT FRAGRANT SNAPDRAGON

### AMBROSIA.

**85**—A hardy annual with long spiral stems, bearing an abundance of small, round, greenish-yellow buds and blossoms, which are **exceedingly fragrant**. It is as desirable as the Rose Geranium as a plant with fragrant foliage and for making up in bouquets and other floral work. Its long, beautiful, fringed spirals of lovely green are unsurpassed. It is one of the easiest plants to grow and seeds may be sown early in open ground. **Pkt. 5c.**

### AMPELOPSIS VEITCHI, OR BOSTON IVY.

**88**—A species of Woodbine, with very pretty olive green foliage, which turns to bright scarlet, crimson and orange in the Fall. It does not require fastening, as it climbs the smoothest walls. It is perfectly hardy. **Pkt., 5c.; ½ oz., 15c.; oz., 25c.**

### ANCHUSA CAPENSIS.

**90**—A rare and little known annual of great beauty. It grows two feet high and will thrive in a shady, out-of-the-way place, where scarcely anything else will grow. It resembles a large, beautiful Forget-me-not, though much finer in every respect, especially for bouquets and cut flowers. Color, a most lovely shade of deep, clear, brilliant blue, with a pure white center. Blooms early and continues all Summer. **Pkt., 5c.**

**92**—*Anemone (Windflower) Coronaria*. Mixed. These can easily be grown from seed and bloom in the Fall. **Pkt., 5c.**

**93**—*Anemone Sylvestris*. White hardy perennial. **Pkt., 5c.**

**95**—*Anthemis Tinctoria*. Hardy Golden Marguerite. **Pkt., 5c.**

### ANTIRRHINUM, OR SNAPDRAGON.

An old garden favorite, with odd-shaped flowers and pretty spotted throats; deliciously fragrant; one of the most showy border plants. Of easiest culture, they thrive in any soil, the tall sorts yielding an abundance of fine cut flowers, while the dwarf sorts make the prettiest edgings.

**97**—*Queen of the North*. In this new sort we have the finest, most beautiful of all Snapdragons. The plants grow into handsome, regular bushes, 12 inches high, covered with large white flowers of a deliciously sweet perfume. Suitable for bedding and pot culture. **Pkt., 10c.**

**98**—Tall Sorts, Mixed, 5c.; ¼ oz., 15c. **99**—Dwarf Sorts, Mixed, 5c.; ¼ oz., 20c.

### New Giant Fragrant Snapdragons—Antirrhinums.

The flowers of this new strain are of very large size, very fragrant, and are produced on immense long spikes, which render them extremely well adapted for cut flowers. They are easily raised from seeds, and will grow and bloom in almost any rich, sunny bed. Spring seedlings begin to bloom by Midsummer, and if the flowers are cut freely the flowering will be continuous till Fall. If intended for Winter flowering in the house cut them well back in September.

**100**—*Coral Red*. A magnificent rich color. **101**—*Daybreak*. Beautiful Pink.  
**102**—*Lovely*. White with pink lip. **103**—*Brilliant*. Scar., golden yel. and white.  
**104**—*Crescia*. Dark scarlet. **105**—*Firefly*. Scar. and yel. with white throat.  
**106**—*Golden King*. Pure golden yellow. **107**—*Butterfly*. The most beautiful striped.  
**108**—*Giant White*. Beautiful cut-flower. Each of above, **pkt., 5c.**

**SPECIAL OFFER No. 100.** One pkt. each of above 9 kinds, 30c.

**109**—Vaughan's "Special Mixture" of Giant Snapdragons. Includes all the above and many others. **Pkt., 10c.; 3 for 25c.; ¼ oz., 35c.; oz., \$1.00.**



ARCTOTIS GRANDIS—THE AFRICAN LILAC DAISY.

### AQUILEGIA, OR COLUMBINE.

Pretty Hardy Perennials.

**115**—*White Spurred Columbine*. (*Chrysanth. Grandifl. Alba.*) This large-flowering, pure white sort, with its fine long spurs, is perfectly hardy and a beautiful plant for pots, and if planted in groups, presents a perfect sea of white flowers. **Pkt. 10c.**

**116**—*Double Mixed*. **Pkt., 10c.**  
**117**—*Single Varieties, Mixed*. **Pkt., 5c.**  
**118**—*Chrysanth. Golden*. **Pkt., 10c.**  
**119**—*Vulgaris, Double White*. **Pkt., 5c.**  
**120**—*Cerulea, Sky-Blue*. **Pkt., 5c.**  
**121**—*Vervaeckiana Atroviolacea*. **Pl. Double. Darkest Purple. Pkt., 5c.**

### ARISTOLOCHIA SIPHO. Dutchman's Pipe Vine.

**125**—A hardy perennial climber, of rapid, luxuriant growth, with very large, heart shaped leaves. **Pkt. (30 seeds), 10c.**

**126**—*Armeria Maritima*. Purple Cushion pink; hardy perennial. **Pkt., 5c.**

### ARCTOTIS GRANDIS.

The African Lilac Daisy.

**128**—A remarkably handsome new annual from Africa, growing luxuriantly and forming profusely branched bushes of about 2 to 2½ feet in height and breadth. The leaves are soft and whitish. Its flower-heads, borne on long stems and rising well above the foliage, are large and showy, from 2½ to 3 inches across; being pure white on the upper surface, reverse of petals pale lilac. Under the influence of bright sunlight the flowers spread out almost flat, and the pure white of the ray florets contrasts beautifully to the light blue disc with its slightly projecting white stamens, a lovely combination of colors. Being of very easy culture, the plants produce their splendid flowers most abundantly and in constant succession from early Summer to the Autumn. A magnificent and prominent novelty. **Pkt., 10c.; 3 for 25c.**

**130**—*Asclepias Tuberosa*. Excellent hardy perennial. **Pkt., 5c.**



ASPARAGUS PLUMOSUS NANUS.



ASPARAGUS SPRENGERI.

### ARABIS ALPINA. A Splendid Honey Plant.

**133**—This plant is a hardy perennial which will thrive in any soil and is particularly adapted to rock work. It grows about six inches high and is one of the earliest flowers to bloom in the Spring. The blossoms are white, resembling Sweet Alyssum, deliciously fragrant and so freely produced as to completely cover the plant. It should be in every garden. **Pkt., 10c.; ¼ oz., 25c.; oz., 80c.**

### ASPARAGUS PLUMOSUS. Asparagus Fern.

**134**—One of the prettiest house plants. The leaves are bright green, gracefully arched, surpassing Maidenhair Ferns in grace, delicacy of texture and richness of color. It is admirably adapted to house culture. **Pkt. (5 seeds), 10c.; 25 seeds, 35c.**

### ASPARAGUS SPRENGERI.

**135**—Also called Emerald Feather and Abyssinian Parlor Fern. Perhaps the best new plant introduced in fifteen years. Sprays from 4 to 6 ft. long. Flowers white, followed by red berries. **Pkt. (15 seeds), 10c.**





VAUGHAN'S INVINCIBLE BALSAM.



BALLOON VINE NO. 305a.

### BABY, OR FAIRY ROSES.

New Dwarf Polyantha Roses.

Roses from seed the first year.

**304**—The plants bloom in three months after sowing, so that seed sown in February in the house may be had in bloom in June in the open ground, where they continue to bloom throughout the season, giving about an equal proportion of single, semi-double and double flowers borne in clusters. The plants are dwarf and bushy, growing only about one foot high, and are very pretty in solid beds and borders. They are hardy and may be treated as annuals. Seed needs soaking in warm water for 48 hours. Pkt. (35 seeds), 10c.; 3 for 25c.

**Baby Primrose.** (See *Primula Forbesi*.)

**Bachelor's Button.** (See *Centaurea*.)

### BALLOON VINE—Love in a Puff.

**305**—A rapid growing climber; thrives in light soil. One of the prettiest climbers, 5c.

**305a—Hirsutum.** A new kind of Balloon Vine producing its sweet-scented flowers in large clusters. A very desirable hardy climber. Pkt., 10c.

## Balsams

**Double Camellia Flowered.** These are (like Asters, Pansies, Phlox and Stocks) one of our specialties which we sell to our extensive florists' trade all over the country, and we know that our seed will produce fine, large double flowers in great abundance.

**306—Snow White.** **307—Pink.** **308—Scarlet.** **309—Light Lemon.** **310—Scarlet.** **311—Solferino,** white, striped with purple scarlet. **312—Victoria,** satin white, spotted with scarlet.

**313—Prince Bismarck.** The coloring is a very bright and pleasing shade of salmon-pink, rich and glowing. The plants come into flower early and are most satisfactory as bedding plants.

**314—Dark Blue.**

Per pkt. of a above, 5c.; any 6 for 20c.

### VAUGHAN'S INVINCIBLE BALSAMS.

**318**—The finest mixture in cultivation. The flowers are very large, measuring from 2 to 3 inches in diameter, of perfect form, resembling the flower of the Camellia, and are as double. In fact, the petals are so densely produced that the yield of seed is extremely small, one single plant often producing not more than 5 seeds. The colors of the flowers are varied and brilliant, comprising pure white, crimson, white shaded lilac, rose, spotted, scarlet, blue, purple and many other tints. Pkt. (100 seeds), 10c.; 3 for 25c.

## Begonias

**325—Vernon.** As a Begonia for outdoor bedding this has no superior. The plants bloom equally as well in the shade as in the brightest sun. It is one of the handsomest, most free-blooming plants. They grow very readily from seed, and bloom when the plants are quite small. Fancy a constant bloomer, Summer or Winter, which can be raised from seed. Pkt. (1,000 seeds), 10c.; 3 for 25c.

**Brachycome.** Swan River Daisy. **333**—A dwarf free-bloomer, excellent for baskets and edgings; blue flowers. Pkt., 5c. **334**—White, 5c. **335**—Mixed, 5c.; ¼ oz., 10c.

**Acacia.** Tassel Flower. **340**—Pretty, free-blooming plants with tassel-shaped flowers, also called Devil's Paint Brush; of easy growth. Pkt., 5c.

**Calampelis Scaber.** **341**—A quick growing climber with orange-colored, tubeflowers. Pkt., 10c.

**327—Single Tuberous Begonias,** from prize-winning varieties, in finest mixture. Pkt. (500 seeds), 20c.

**328—Double Tuberous Begonias.** Flowers of elegant form and substance. All colors mixed. Pkt., 25c.

**329—Rex Begonias.** Ornamental foliage varieties. Pkt. (250 seeds), 30c.

**Bryonopsis.** **339**—A beautiful Summer climber with palmar bright green foliage. It bears a cherry-like fruit which turns from green to brilliant scarlet, marbled with white. Pkt., 5c.

**Calceolaria.** **342**—Our seed is saved from the best European collection and will produce flowers of large size and in an endless variety of colors. Directions on packet. Pkt. (500 seeds), 25c.



CALLIOPSIS, "VAUGHAN'S SPECIAL" MIXTURE.

**Calliopsis, "Vaughan's Special" Mixture.** **357**—This mixture contains all the desirable sorts and colors of these beautiful hardy flowers. A great number of kinds have been especially selected for it and we know it will give entire satisfaction. Large pkt., 10c.; 3 for 25c.



## Calendula OR POT MARIGOLD.

Excellent for Bouquets and Vases.

**345—C. Orange King.** The grandest of all double Marigolds. Flowers of considerable size, much larger than any we have seen; outer petals slightly imbricated, while those of the center are incurved like the petals of a Peony. Color is a rich, dark orange. Pkt., 5c.;  $\frac{1}{2}$  oz., 12c.

**346—Meteor.** Beautifully imbricated flowers with orange stripes on pale yellow ground. Pkt., 5c.;  $\frac{1}{2}$  oz., 12c.

**349—Mixed.** The above and others. Pkt., 5c.;  $\frac{1}{2}$  oz., 10c.

## Calliopsis

Will bloom until frost, thrive in any soil and require scarcely any care. Fine cut-flower.

**353—Golden Wave.** Plant very bushy and compact, about two feet in height, and covered from July to October with hundreds of beautiful golden blossoms, 2 inches across. Pkt., 5c.;  $\frac{1}{2}$  oz., 10c.

**354—Double Sorts, mixed.** Pkt., 5c.

**355—Dwarf Sorts, mixed.** 15 in. high, 5c.

**Lanceolata.** See *Coreopsis*.

**356—Calliopsis.** All sorts and colors mixed Pkt. (300 seeds), 5c.; per  $\frac{1}{2}$  oz., 12c.; oz., 20c.

## Canary Bird Vine

**376—**This belongs to the Nasturtiums and is a rapid growing, delicate vine with clean, handsome foliage and an abundance of bright canary-yellow blossoms. Grows to a height of 15 to 20 feet. It is also a good Rambler and fine for stumps, rockeries, etc. It makes an excellent window vine for winter and when confined to pots does not get beyond control. Pkt., 5c.;  $\frac{1}{2}$  oz., 15c.; oz., 25c.

## Candytuft

Hardy annuals that will grow in any soil; require no care and will bloom all Summer. Our packets contain from 300 to 400 seeds.

### GIANT EMPRESS.

**378—**Vaughan's extra selected stock. One of the finest varieties in cultivation. It is intermediate in height between the old Rocket and the newer Tom Thumb sorts. The plant is of very branching habit, and when fully grown and covered with its pure white flowers it resembles a floral Candelabra. Do not sow too thick. Pkt. (250 seeds), 5c.;  $\frac{1}{2}$  oz., 15c.; oz., 30c.; 2 oz., 50c.

### NEW DWARF HYBRIDS.

**379—**This is a very choice mixture of dwarf-growing Candytuft, with flowers twice the size of those of the older kinds, in a large variety of colors; very good. Pkt. (250 seeds), 10c.; 3 for 25c.

### SNOWFLAKE.

**380—**Extremely free-blooming new sort. The plants grow about 7 inches high, forming a very neat, round bush, covered with the finest pure white flowers. This is an excellent variety both for pot culture and bedding outside. A continuous bloom may be had throughout the Summer by repeated sowings at intervals of about two weeks. Pkt. (300 seeds), 10c.;  $\frac{1}{2}$  oz., 20c.

**381—White Rocket.** 1 foot. Pkt., 5c.;  $\frac{1}{2}$  oz., 10c.; oz., 15c.

**382—Dwarf.** Tom Thumb. Edging. Pkt., 5c.;  $\frac{1}{2}$  oz., 10c.

**383—Lilacina.** Purple lilac, 1 foot. Pkt., 5c.

**384—Carmine.** Dwarf; rich flowers. Pkt., 5c.

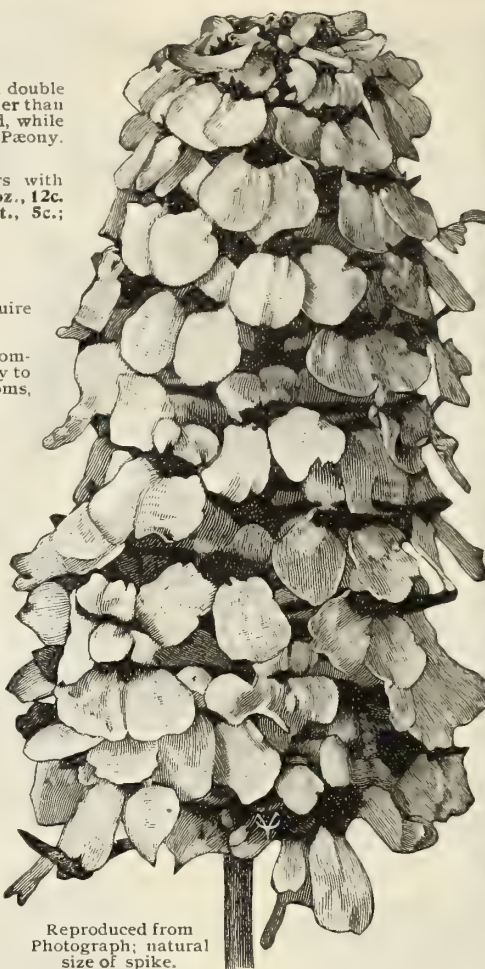
**385—Odorata.** Sweet-scented. Pkt., 5c.; oz., 15c.

**386—Candytuft, all sorts and colors mixed.** Pkt., 5c.;  $\frac{1}{2}$  oz., 10c.; oz., 15c.;  $\frac{1}{4}$  lb., 35c.; lb., \$1.00.

### PERENNIAL CANDYTUFT.

**388—Sempervirens.** Pretty white flowers. Pkt., 5c.

**389—Gibbaltaria.** Large flowers; lilac, shading off to white. Pkt., 5c.



Reproduced from Photograph; natural size of spike.

GIANT HYACINTH-FLOWERED CANDYTUFT.

### New Giant Hyacinth-Flowered Candytuft.

**390—**This improved new strain is far superior to that well-known kind, Empress, heretofore the best of its class. The flower-heads are of immense size, 6 inches long and about 3 inches across, resembling a Dutch Hyacinth. They are pure white, and furnish excellent material for cutting. Pkt. (300 seeds), 10c.;  $\frac{1}{2}$  oz., 20c.; oz., 30c.

### CANDYTUFT—LITTLE PRINCE.

**391—**In appearance like the Giant Hyacinth-Flowered. The bushes grow only about 6 inches high, the spikes are very massive, pure white, and planted in a row or a mass the effect is very fine. It also makes a fine pot plant. Pkt., 10c.;  $\frac{1}{2}$  oz., 15c.

**392—Rose Cardinal.** See *Novelties*.



### CANDYTUFT, QUEEN OF ITALY.

**387—**This new Candytuft is probably the most beautiful of all. The plants form dwarf compact bushes which are covered with very large pink blossoms. It is one of the best of plants for borders and carpet beds on account of its habit, beautiful color, and freedom of bloom. A row of this is a beautiful sight when in bloom. Pkt., 10c.;  $\frac{1}{2}$  oz., 20c.; oz., 35c.



### NEW GIANT FLOWERED Canna CROZY TYPE.

Bloom from Seed the First Summer.

**Cannas from Seed.** Our Seed has been saved from our own beautiful collection, comprising over fifty kinds. But few people know that these beautiful flowers can be so easily grown from seed, and bloom the first Summer if sown before April. There was no flower so greatly admired in our parks and our nursery during the Summer and Fall as the New Large-Flowering Cannas, and justly so for they have no equals for stateliness, brilliancy and variety of colors and ever-blooming qualities. They produce flower spike after flower spike, and if carefully potted up in the Fall and kept in the house, they will continue to do so all Winter.

**394—Giant Canna Mixture.** Pkt. of 10 seeds, 5c.; 3 pkts., 12c.; oz., 25c.

**395—Red Leaved Crozy Sorts.** All the best varieties. Pkt. (15 seeds), 10c.; 3 pkts., 25c.

### Vaughan's Mixture of New Cannas.

**396—**This is a mixture of the 15 new varieties of Cannas raised in our own nursery. Our packages contain one seed of each of 15 different kinds and grand results may be expected from this seed. Pkt. (15 seeds), 15c.; 2 for 25c.; per 100 seeds, 65c.

**Canna Seed** should be cut (at one of the points) about 1-16 of an inch and then soaked in warm water or hot water 24 hours. If treated this way and sown in January or February (in the house), blooming plants may be had in June.

## Canterbury Bells

(Campanula.)

Our packets contain from 500 to 700 seeds.

**360—C. Bells.** Special mixture of single and double varieties in the finest and most striking sorts. Pkt., 10c.; 3 for 25c.

**361—Double Annual Varieties.** In the finest mixture. Pkt., 5c.

**362—Single Varieties.** Mixed. Pkt., 5c.

## Campanula Cup and Saucer.

(Calycanthem.)

**363—**A beautiful variety; a most desirable and attractive addition to this class of old garden favorites. The bell or trumpet is nearly 4 inches in diameter; presents the form of a cup, hence its name; mixed colors. Pkt., 10c.

**364—Calycanthem.** White. **365—Blue.** **366—Pink.** **367—Striped.** Each pkt., 10c.

**368—Carpathica.** Harebell, blue. 5c.

**369—Alba.** White. 5c.

**370—Macrantha.** Blue, large flowers. 5c.

**371—Pyramidalis.** Blue. 10c.

**372—Pyramidalis Alba.** White. 10c.

**373—Perennial Sorts.** In finest mixture. 5c.





TYPE OF FLOWERS OF MARGARET AND CHABAUD CARNATIONS.



Giant Zanzibar Castor Beans.

**430**—The plants attain a height of 12 to 14 feet. The enormous leaves, beautifully lobed, measure 2½ to nearly 4 feet across. Each plant makes a perfect pyramid of foliage, thickly set from top to bottom with gigantic leaves. The difference between the varieties is in the coloring of the grand bamboo-like stems and long slender leaf-stalks. Pkt. (15 seeds), 5c.; oz., 15c.; 2 oz., 25c.

### Castor Beans, Ricinus.

Stately, strong-growing plants, with very ornamental foliage, well adapted as center plants of groups of Cannas, Dahlias, etc. Height, five to fifteen feet.

**431—R. Borboniensis Arboreus, Gigantens.** Immense green foliage. Height, 15 feet. Pkt., 5c.; oz., 10c.  
**432—Sanguineus.** Beautiful brownish red foliage. Height, 6 feet. Pkt., 5c.; oz., 10c.

**433—Cambodgensis.** Large palm-like leaves of the darkest bronze maroon; stalk and stem nearly black. Height, 6 to 8 feet. Pkt., 5c.; oz., 15c.

**434—Castor Beans.** Many sorts mixed. Per oz., 10c.; lb. 70c.; pkt., 5c.



## CARNATIONS



### A. Varieties that Bloom the First Summer from Seed.

#### Guillaud Carnation.

**400**—This Fine Carnation has been obtained by careful selection from the Margaret and is far superior to it or any other Carnation seed. The flowers are of larger size, better substance, greater doubleness, and more varied markings and colors, many having grounds and shadings of yellow. The Guillaud Carnation will bloom the first Summer, and if taken up in the Fall the plants will bloom during the Winter, yielding an abundance of the handsomest and most fragrant flowers. Price, per pkt. (100 seeds), 25c.

### Ever-Blooming or Chabaud

#### Carnation.

**401**—A new strain raised by M. Chabaud, a Carnation specialist of Southern France. The plants are of even height, as if trimmed, healthy and vigorous, the stalks stiff as wire, the flowers large, very double, deliciously sweet and in the largest and most charming color variations. These also bloom in four months from the time the seedlings are up. Pkt. (100 seeds), 10c.; 3 for 25c.

#### Margaret Carnation.

**402—Giant White.** Flowers very large and double, pure white, with only an occasional pink streak; plants short and stocky, with stiff stalks. Pkt. (50 seeds), 15c.

### Two Splendid New Carnations.

**414—Marie Chabaud.** The Flowers of this new kind are large, double, of splendid form and deliciously sweet. In color they are of pure canary yellow with a great percentage of flowers coming true. It is the best of all the Yellow Carnations that can be raised from seed. The plants bloom in six months after sowing. Pkt. (50 seeds), 25c.; 3 pkts. for 65c.

**415—Jennie Dionis.** This is also a plant of great merit for cut-flowers. The plants grow about fifteen inches high, and produce a great many flower spikes. The flowers are very large, symmetrical, very double and sweet and are of purest white. The seed comes almost absolutely true, and produces but a very small percentage of single flowers. Pkt. (50 seeds), 25c.; 3 pkts. for 65c.

SPECIAL OFFER, No. 101—One packet each of the above two new Carnations for 40c.

### Vaughan's "Special" Carnation Mixture.

#### All Bloom the First Summer.

**425**—This is a mixture of the best strains of Giant Margaret, Malmaison and ever-blooming Chabaud Carnations, including the latest selections of yellow types. The plants will bloom the first Summer and will produce many flowers that are equal to the best florists' carnation. The plants can be lifted in September, potted, and will bloom all Winter in the house. Pkt. (200 seeds), 25c.; 3 pkts. for 65c.

**Coxcomb, President Thiers.** **437**—One of the most dwarf of all Coxcombs, bears largest crimson combs. It has been grown in our public parks between or alongside of rows of Golden Feverfew and Centaurea Candidissima, and when so planted made one of the most brilliant strips of border bedding. It is also a very handsome pot plant. Pkt. (250 seeds), 10c.; 3 for 25c.



COXCOMB, PRES. THIERS.

### New Giant Margaret Carnation.

**403**—Like the Margaret Carnation, the seed of this new strain will bloom in about four months after sowing, and the plants will continue to flower all through the Summer. The flowers are of very large size, measuring three inches or more in diameter; the colors include all the shades of white, pink, crimsons and striped. The plants grow upright, requiring hardly any support, and their yield of flowers is wonderful. Our seed is from the originator and can be relied upon to produce largest flowers in an almost endless variety of colors. Pkt. (125 seeds), 15c.

### New Dwarf Margaret Carnation.

**405**—Like its parent, the Margaret, this Carnation blooms in four months from sowing, but is much in advance of this type. The flowers are larger, more double, and the variety of colors is infinitely greater. The plants grow about 15 inches high, flowers always erect. If taken up in the Fall the plants bloom all winter. All colors mixed. Pkt. (125 seeds), 10c.; 3 for 25c.

Also **406**—Pure White. **407**—Pink. **408**—Crimson. **409**—Striped. Pkt., 10c.; 1 pkt. each of the 4 for 25c.

**410**—Double Margaret Carnation. Fine double mixed, ½ oz., 20c.; pkt. (120 seeds), 5c.

### B. Carnations that Bloom the Second Summer from Seed.

#### Double Dwarf Vienna.

**420**—Produces double, very sweet-scented flowers in the largest variety of colors and in the greatest profusion. With a light protection they stand the Winter. Pkt., 5c.

**421—Early Red Grenadin.** For yielding a quantity of double red flowers there is no outdoor Carnation that can equal it. It will live through the Winter with little protection. Pkt., 5c.

**422—Double White Grenadin.** Our seed will produce over 80 per cent double white flowers of good form and substance. Pkt., 10c.

**423—Carnations. Extra Choice Mixed.** Saved from a rich collection of named flowers, and will produce fine varieties. Pkt., 10c.

**424—Carnations. Fine Double Mixed.** Sweet-scented sorts, large, double flowers. Pkt., 5c.

SPECIAL OFFER, No. 118—One pkt. each Dwarf Margaret Carnation, Margaret Centaurea and Mammoth Rainbow Coleus for 25c.

SPECIAL OFFER, No. 119—One pkt. each New Dwarf Margaret Carnation, President Thiers Coxcomb, Zanzibar Castor Bean for 20c.

JUST  
—  
THINK

100 Carnation Plants  
from Seed  
for only  
10¢ OR 15 CENTS.

### Celosia, Ostrich Feather.

The plant grows about 3 feet high, is of handsome pyramidal form, and the numerous massive plumes, which resemble an Ostrich Feather waving gracefully above the foliage, make it one of the most effective ornamental plants for either pot or outdoor planting. It is easy of culture.

**440—Crimson Ostrich Feather.** } Each, per  
**441—Orange Ostrich Feather.** } pkt., 5c.

### Celosia, Triumph of the Exposition.

**442**—The foliage is of a handsome bronze color, with fine feathery flower heads. In brilliancy of color and marvelous effect they are only equaled by the Scarlet Sage, with the advantage of beginning to bloom early in the Summer, lasting the entire season. Pkt., 10c.

**443—Feathered Varieties in Finest Mixture.** Pkt., 5c. See also novelties.





GIANT SWEET SULTAN, ONE OF THE BEST CUT FLOWERS.  
THIS SHOULD BE IN EVERY GARDEN.

**CENTAUREA MARGARET.** This is a very difficult variety to grow, and since the new *C. Imperialis*, white (No. 448), is so much superior to it in every way and of easiest culture, we have discarded *C. Margaret*.

## CENTAUREA, OR DUSTY MILLER.

- 461—CANDIDISSIMA. Leaves silvery white. 10c.  
462—GYMNOCARPA. Silvery-gray foliage. 5c.  
These are planted for bedding, not for flowers.



## CINERARIA

486—VAUGHAN'S INTERNATIONAL MIXTURE. This is a mixture of the finest English, French and German strains; the flowers are very large, from 7 to 9 inches in circumference, and in the most brilliant colors. We sell a large quantity to florists who often sell their plants for \$1.00 each. Pkt. (200 seeds), 25c.

487—CINERARIA HYBRIDA, Mixed. Such as is ordinarily sold. Pkt., 10c.

488—DOUBLE CINERARIAS. Extra fine mixed. Pkt., 25c.

489 and 490—See novelties.

THANKS to the praiseworthy fashion of late years of using, as far as possible, only long-stemmed flowers for bouquets, the different species of *Centaureas*, annual as well as perennial, have become general favorites in all countries.

In Ordering Flower Seeds, it is only necessary to state quantity (number of packets, ounces or pounds) wanted, the number in front of each variety, and price.

## Centaurea, New Giant Fragrant Sweet Sultan.

*Centaurea Imperialis.* This new *Centaurea*, a cross between *C. Moschata* and *Margaret*, represents the best that has been produced in these beautiful Summer-blooming plants. The bushes are about four feet high, of enormous dimensions, and are covered with large, beautiful flowers of the form and fragrance of *Centaurea Margaret*. The flowers will keep for over a week in water, if cut just when they are about to open. It is of easiest culture, which cannot be said of *C. Margaret*. The color variation is very great, almost infinite. When well known there will be no garden without this beautiful new flower. If a package is sown every two or three weeks until July, a constant succession of bloom can be had throughout the whole Summer and Fall. This is one of the best novelties ever sent out.

448—PURE WHITE. One of the best white flowers for cutting; extremely large, sweet and beautiful.

449—ARMIDA. Very delicate color; pink with white tinge.

450—FAVORITA. Brilliant rose.

451—GRAZIOSA. Intense dark lilac.

452—SPLENDENS. Brilliant dark purple.

453—VARIABILIS. White, marked purple, fading to rose.

Price of any of above six kinds:—Per oz., 75c.; ½ oz., 25c.; pkt., 10c.

Any 3 pkts., 20c.; 6 pkts., 1 of each kind, for 35c.

454—NEW GIANT FRAGRANT SWEET SULTAN. All colors mixed. Per oz., 50c.; ½ oz., 25c.; ¼ oz., 20c.; pkt., 5c.

455—BACHELOR'S BUTTON, OR CENTAUREA CYANUS. Very free-blooming, hardy annual; also called Blue Bottle, Ragged Sailor, Korn Blume, etc. Mixed colors. Pkt., 5c.; ½ oz., 10c.; oz., 15c.; 2 ozs., 25c.

456—BLUE EMPEROR, OR CORN FLOWER. Pkt., 5c.; ½ oz., 10c.; oz., 15c.

457—DOUBLE CORN FLOWER, OR BACHELOR'S BUTTON. Corn Flowers have ever been favorites with all flower lovers, and we are satisfied that this new introduction will meet with hearty welcome. In addition to its doubleness, this strain contains a number of new shades. Pkt., 5c.; ½ oz., 15c.; oz., 25c.

458—"VICTORIA." A dwarf form of the favorite flower of Emperor William I, which grows only about 9 inches high, forming a ball-shaped plant. Its handsome blue color, so rare among flowers, will secure it a place in every garden. Pkt., 5c.

459—CENTAUREA SUAVEOLENS, OR YELLOW SWEET SULTAN. Not a new variety, but one that deserves to be in every garden. The plant grows about 2 feet high and its double flowers are large, sulphur yellow and sweet-scented, borne on long stems and splendid for bouquets. Plant in a dry place. It blooms all summer. Pkt., 5c.; ½ oz., 20c.; oz., 35c.

460—"VAUGHAN'S SPECIAL." Mixture of *Centaureas*. Includes all the above annual *Centaureas* and also the beautiful new varieties illustrated and described in the Novelty List. Large pkt., 10c.; 3 for 25c.; ½ oz., 30c.; oz., 50c.

470—CENTROSEMA GRANDIFLORA. A hardy perennial flower of rare beauty. It blooms early in June from seed sown in April; inverted pea-shaped flowers from 1½ to 2½ inches in diameter, and ranging in color from a rosy-violet to a reddish-purple. Well adapted for every garden purpose. 5c.

## ANNUAL CHRYSANTHEMUMS.

No annual furnishes so many cut flowers as these, which bloom plentifully throughout the Summer.

471—C. DOUBLE WHITE. 2 feet. Pkt., 5c.

472—DOUBLE GOLDEN YELLOW. 2 feet. Pkt., 5c.

474—INODORUM PLENISSIMUM. It furnishes double snow-white flowers in great abundance through the Summer and Fall. 2½ feet. Pkt., 5c.

475—ECLIPSE. Yellow, with purple ring. Pkt., 5c.

476—THE SULTAN. Crimson maroon, single. Pkt., 5c.

477—GOLDEN FEATHER. Foliage striking yellow; flowers white with a crimson ring near center; single. Pkt., 5c.

478—DOUBLE ANNUAL CHRYSANTHEMUMS. A fine mixture. Pkt., 5c.; ½ oz., 10c.

479—VAUGHAN'S ANNUAL CHRYSANTHEMUMS. Single and double sorts in finest mixture, including many new varieties not listed above. Pkt., 10c.; 3 for 20c.; ½ oz., 25c.

## CHINESE AND JAPANESE CHRYSANTHEMUMS.

480—The seed we offer is saved from a collection of 50 different varieties, both Chinese and Japanese, and excellent results in the way of some grand new varieties may safely be expected. If this seed is sown in February or March, and properly treated (cultural directions are printed on the bags), the plants will bloom profusely next Fall equal to any plant started from cuttings. Please bear in mind that our seed is the product of artificial fecundation obtained from 50 different varieties, and will produce some grand flowers. Pkt. (100 seeds), 10c.; 3 pkts. for 25c.

## PERENNIAL CHRYSANTHEMUMS.

481—CHRYSANTHEMUM MAXIMUM. Large or Ox-eyed Daisy. A free-blooming, hardy perennial, 2 feet high, literally covered with pure white flowers, which are well adapted for cutting; lasting over a week in water. Pkt., 10c.

483—PRINCESS HENRY. See novelties.

482—CHRYSANTHEMUM FRUTESCENS. (Paris Daisy or Marguerite.) Large, white, star-shaped flowers. Pkt., 5c.

500—CLARKIA. Single and double sorts in great variety. Pkt., 5c.

502—CLEMATIS, Large Flowering. Beautiful climber, with lovely flowers, blue, white, purple, etc. Hardy, can remain in a permanent situation. Mixed. Pkt., 10c.

503—CLEMATIS PANICULATA. Pkt., 5c.

507—CLIANTHUS DAMPIERI. Glory Pea of Australia. Undoubtedly one of the most gorgeous flowers in existence and of the few that show a clear, glossy, jet black color. The trailing plants grow 1 to 2 feet high and bear in clusters of 5 or 6 of the most beautiful red flowers. Pkt. (10 seeds), 10c.; 3 for 25c.

504—COMMELINA SELLOWIANA. A lovely perpetual flowering "Wandering Jew," suitable for the garden in Summer or for pots all the year. Pkt., 10c.

## CLEOME PUNGENS. A Splendid Honey Plant, in Bloom all Summer.

506—THE GIANT SPIDER PLANT. A peculiar looking plant, but one that is of great use in the garden, being quite showy. It can be planted anywhere and under almost any circumstances, and yet give good return for the chance given it. It blossoms from early Summer until cut down by frost, and the plants attain a height of 3 or 4 feet, branching freely and each branch being surmounted by a loose panicle of flowers in all shades of pink and crimson. It is a plant that is in bloom every day of the season, whether the weather be hot or cold, wet or dry. It is also a splendid honey plant, and the flowers are covered with bees all day long. It is fine for a separate clump or for the center of a bed of other flowers, where a tall-growing, attractive plant is desired. Mixed colors. Per oz., 25c.; ½ oz., 15c.; pkt., 5c.





**CYPRESS VINE.** (*Ipomœa Quamoclit.*)

This has the most graceful and beautiful dark green feathery foliage of all the garden vines. For a neat trellis or ornamenting the trunks of young trees it is hardly excelled.

For training upon a light ornamental trellis the Cypress Vine cannot be excelled. It has a profusion of scarlet or white star-shaped blossoms, and its finely-cut foliage is particularly adapted to ornamental work. Good for ten feet; if planted fairly thick in a good soil will make a dense screen of the most exquisite foliage and flowers.

555—White. 556—Pink. 557—Crimson. Each. 5c.

558—Cypress Vine. Many Colors. Mixed. Oz., 25c.; ½ oz., 15c.; Pkt., 5c.



**MAMMOTH RAINBOW COLEUS.**

516—The handsomest foliage plant obtained from seed. These Coleus are quite different from those commonly used in beds and borders, and, in fact, form an entirely new race. The plants reach a height of from 2 to 3 feet; the leaves often measure 10 inches in length and 8 inches in width, heart-shaped and handsomely crimped, toothed and frilled; their color combinations are remarkably rich, comprising all the reds, metallic greens and yellow, in shades from the most delicate to nearly black, and, indeed, pass description. Their culture is very easy, no one can fail with the seed, and with rich soil and plenty of water the most gratifying results may be had. Grown either in the garden or in pots, they are very handsome. Pkt. (250 seeds), 15c.; 2 for 25c.

517—Coleus. Many fine varieties, mixed. Pkt. (150 seeds), 5c.

**COREOPSIS LANCEOLATA.**

Better than Yellow Cosmos.

536—This is one of our very best of the hardy perennials, which will bloom from seed the first Summer. Flowers, large, single golden yellow. For generosity of bloom there is nothing to compare with it, and it will bear cutting far better than any other plant; at the same time it is always graceful. The roots will live through the winter with little protection. Pkt., 5c.; ½ oz., 15c.



**COBÆA VINE.**

509—One of the handsomest and most rapid growing annual climbers, running up to 30 feet in a season. The flowers are bell-shaped and of a purplish lilac when full grown. It is a very prolific bloomer and perfectly hardy. For a quick growing climber, one that makes a show the first year, both in vines and flowers, one that is always clean of insects, we know of none better. Per Pkt., 5c.; ½ oz., 15c.

510—Cobæa, White. Pkt., 10c.

511—Cobæa, Mixed. Pkt., 10c.



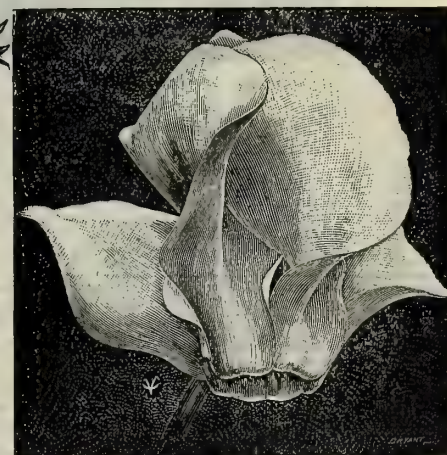
**EARLY FLOWERING COSMOS.**

537—Grace, daintiness and brilliancy are the characteristics of this pretty flower, with its yellow heart encircled with broad, deep-like petals, carried on long slender stems which rise from a cloud of feathery foliage. It is very pretty for vases and lasts often a week in the house when cut. A couple of years ago the Cosmos bloomed with the Chrysanthemum, and, being rather more tender, often died an untimely death by frost just at its first blossoming, so that it was almost useless to plant it in Northern sections, but since this Early Flowering strain has been produced it may now be had in bloom from July to November. It grows and blooms with the greatest freedom in any soil, but repays right royally the best care you can give it. Price, pkt. (150 seeds), 10c.; 3 pkts. for 20c.; ½ oz., 30c.



**Cyperus, or Umbrella Plant.**

553—Grows finely in water with rich soil or mud, throwing up long stalks with narrow green leaves. Easily raised from seed. Pkt., 10c.



**Giant-Flowered Cyclamen.**

The flowers are of mammoth size and are borne well above the foliage on long, stiff stems. The coloring includes the most brilliant as well as the most delicate shades—deep crimson, purest white, rose and white with carmine spots and flakes. The foliage is also handsome, being thick, fresh and large, deep, rich green, with showy light markings. The culture of Cyclamen from seed is comparatively easy and is surely much more satisfactory and economical than from bulbs.

545—C. Mont Blanc. Snow white, large.

546—White, with pink eye.

547—Roseum. Lovely pink.

548—Dark Crimson. Deep rich color.

Any of the above, per Pkt. of 10 seeds, 15c.

549—Cyclamen, Giant Flowered. Mixed. 25 seeds, 25c.; 10 seeds for 10c.

550—Cyclamen Persicum. The Persian Violet. Mixed colors Pkt. (20 seeds), 5c.

Special Offer No. 137. One pkt. each, Giant-Flowered Cyclamen, mixed; (10 seeds), Cosmos Dawn, Cyperus or Umbrella Plant and Cobæa, mixed, for 25c.

**DWARF EARLY-FLOWERING COSMOS "DAWN."**

538—Like the above this comes into flower early in Summer and continues until frost. The flowers are large and of a beautiful white, with just a touch of delicate pink at the base of the petals. It is a decided, most attractive and useful novelty. Pkt. (150 seeds), 10c.; 3 pkts., 25c.

539—California Giants, mixed. Pkt., 5c.; ½ oz., 15c.

540—Cosmos, Giant White. Pkt., 5c.; ½ oz., 10c.

541—Cosmos, Giant Pink. Pkt., 5c.; ½ oz., 10c.





VAUGHAN'S MAMMOTH DAISY.

## Double Daisies

(*Bellis Perennis*  
fl. pl.)

Plants of Double Daisy will bloom the first Summer, and will continue to bloom for years if given slight protection during Winter. They are very pretty when in bloom, and deserve to be grown much more than they are. They commence blooming in April and continue to bloom until Summer. They are not very particular as to soil, but should be grown where they have partial shade.

**VAUGHAN'S MAMMOTH DAISY.** 576—For size of Flowers and Doubleness these have no equals. The flowers average 1½ to 2 inches in diameter, are very double, ranging in colors from snowy white to pink and blood-red, with the prettiest combinations of pink and white. Pkt. (200 seeds), 10c.; 3 for 25c.

**MAMMOTH DAISY—White.** 577—The flowers are enormous, of the purest white, borne on long, stiff stems. This is the best Double White Daisy in existence. Pkt. (200 seeds), 10c.

**578—SNOWBALL.** Long stem and large double white flowers. Pkt., 5c.

**579—LONGFELLOW.** Dark pink flowers usually large and double; very long and stiff flower spikes. Pkt., 5c.

**580—DOUBLE DAISIES** in best mixture, including Snowball and Longfellow. Pkt. (250 seeds), 10c.

**581—DOUBLE DAISIES.** Good mixed. Pkt. (250 seeds), 5c.

**582—Burbank's New Shasta.** See novelties.

**DELPHINIUM OR LARKSPUR** Perennial Larkspur. 600—Pillar of Beauty (*Formosum* *Celestinum*). One of the handsomest of hardy perennials; flowers very charming delicate blue. Pkt., 10c.

**601—Double Flowering Hybrids.** Flowers large and double. A splendid cut-flower and ornamental plant. Many shades of colors in finest mixture. Pkt., 10c.

**602—Formosum.** Bright blue. Pkt., 5c.; ¼ oz., 20c.

**604—Zalil.** Sulphur yellow, one of the most beautiful hardy perennials; the flowers resemble the finest Orchids. Pkt., 10c.

**606—Chinese Varieties.** White, blue or mixed. Each Pkt. 5c.; ¼ oz., 15c.

**607—"Vaughan's Special" Mixture of Perennial Larkspur** includes, besides the above sorts, the following choice sorts: Cashmerianum, caucasicum, glabratum, truncatum and a choice strain of Lemoine's Hybrids. This mixture is very valuable for its great variety in shades of color, which range from yellow to pure white; from the palest and most chaste lavender up through every conceivable shade of blue to deep indigo; and for the variety of size and form of their individual blooms some of which are single, some semi-double, and some perfectly double. Pkt., 25c.

**608—Kelway's New Hybrids.** See novelties.

**Giant Hyacinth-Flowered Larkspur.** 610—This hardy annual derives its name from the striking resemblance of the flowers to a double Hyacinth. The plants grow from 2 to 3 feet high; the colors are both brilliant and delicate. Their culture is the easiest possible; the seed should be sown early where the plants are intended to remain. Mixed. Pkt., 10c.; 3 for 20c.

**Annual Larkspur.** 611—Double Dwarf Rocket. Pkt., 5c.; ¼ oz., 15c.

**612—Double Tall Rocket.** Mixed. Pkt., 5c.; ¼ oz., 12c.; oz., 30c.

**613—Emperor.** Produces an abundance of long, slender flower spikes in the most delicate colors. Many colors mixed. Pkt., 5c.; ¼ oz., 10c.

**DIGITALIS—FOXGLOVE.** The Foxglove is every year increasingly cultivated in shrubberies and woodland walks. It is a hardy perennial, easily grown and the colors are varied and beautiful. It grows easily from the tiniest seed, and the seed germinates with remarkable ease.

**643—Monstrosa.** A remarkable Foxglove. Very large, bell shaped terminal flowers. Height, 4 feet. Pkt., 10c.

**644—Grandiflora.** Bright yellow flowers, distinct. Height, 3 feet. Pkt. 5c.

**645—"Vaughan's Special" Mixture** contains all the above and many others. Pkt., 10c.; 3 for 25c.

**646—Mixed.** Many kinds. Pkt., 5c.; ¼ oz., 20c.

## Dahlia Seed

See Also  
Novelties.

But few people know that Dahlias can be raised from seed and will bloom the first year. The seed we offer, if sown early, will bloom profusely all Fall. The seeds germinate as easily and certainly as Zinnias, and from the very first development are strong stocky little plants. Plant them in a shallow box or pan early in March or April, transplant them carefully as their growth demands, and keep the soil moderately moist. When all danger from frost is over plant them in the bed or border in the garden, and from then out they will prove no more trouble than if the tubers had been used instead of seed.

**563—Best Mixture of Double Dahlias.** Large-flowering Pompones, Cactus and Liliput. Pkt. (65 seeds), 15c.; 2 for 25c.

**564—Double Dahlias.** Good mixed, many fine varieties. Pkt., 5c.

**565—Double Cactus-Flowered.** An extra fine strain of this favorite type. Pkt. (75 seeds), 15c.; 2 for 25c.

**566—Single Giant Perfection.** This strain is a decided advance on the ordinary singles. The plants are of strong, robust habit, and produce in great abundance flowers of immense size, averaging 6 inches across, of the most bewildering variety of coloring. 1 Pkt. (100 seeds), 10c.

**568—Mixture of Single Dahlias.** Including all the novelties. Pkt., 5c.

**569—Zimpani, or Miniature Black Dahlia.** (Also called Black Cosmos.) Pkt., 5c.



## Dahlias

From Seed.

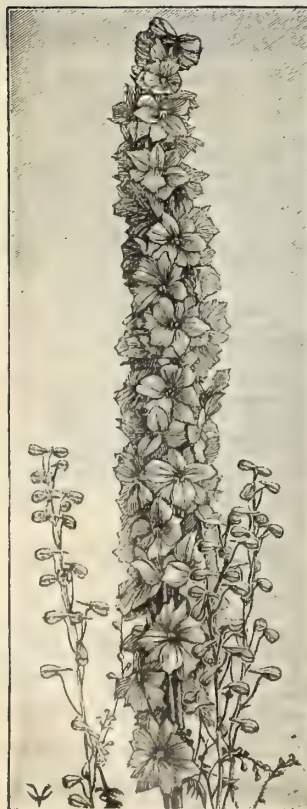
**VAUGHAN'S SPECIAL DAHLIA MIXTURE.** 570—Will produce flowering Dahlia plants this Summer. This mixture contains seeds from the best collections in Europe and embraces all the various strains of Double Flowering Dahlias, such as Show, Pompones, Liliput and Cactus varieties also the single-flowering and striped sort, and the novelties on page 38, and will produce a great many extra choice varieties. If you want a low priced Dahlia bed, here is your chance. Pkt. (60 seeds), 25c.; 3 for 65c.

**DATURA OR TRUMPET FLOWER.** 590—*Datura Cornucopia*. (Horn of Plenty). For a showy plant Datura is excellent. The grand trumpet-shaped flowers measure from 7 to 9 inches in length and nearly 6 inches across, and form two distinct trumpets growing one within the other. The throat and mouth of the corolla are delicate white, while the outside is marbled with purple. A single plant often bears up to 200 flowers during the season. Pkt. (40 seeds), 10c.

**591—Golden Queen.** Compact, bushy plants, 2½ feet high, having numerous brilliant yellow showy flowers of gigantic size, often ten inches long and often very double. Pkt., 10c.

**592—Datura Double White.** Pkt., 5c.

**593—Many Colors Mixed.** Pkt., 5c.



TYPE OF PERENNIAL LARKSPUR.



DIGITALIS, OR FOXGLOVE.



# DIANTHUS Hardy Garden Pinks.

See also Novelties.

For beautiful and lasting cut flowers, ease of culture and freedom of bloom, these Hardy Garden Pinks have no superior among Annuals.

## DOUBLE ANNUAL PINKS.

- 620—**Double Chinese Pinks.** Our mixture of this strain is extra good and contains a large variety of colors. Pkt., 5c.; ½ oz., 15c.; oz., 30c.  
 621—**Double Striped and Fringed.** One of the finest of the whole family. The flowers, which are very large and double, are beautifully fringed; greatest variety of colors. Pkt., 5c.  
 622—**Double Imperial Pink.** Mixed. Pkt., 5c.; ½ oz., 15c.  
 623—**Mourning Cloak.** The most striking of all Pinks. The large, double, almost black flowers have a clear fringed edge of white. Pkt., 5c.  
 624—**Vaughan's Improved Double Japan Pinks.** This is a strain superior to any we have previously had. The flowers are large, double, of the brightest colors, handsomely fringed and borne on long, stiff stems, making them one of the most useful flowers for bouquets. Pkt., 5c.; ½ oz., 20c.  
 625—**Snow Queen Pink.** This is an extra fine selection of the large flowering double white Japan Pink, the very best strain we have ever seen. The flowers are extremely large, often three inches in diameter and resemble a white carnation. They are produced in great abundance and are borne on long stiff stems, which, combined with the lasting qualities, render them one of the prettiest of white flowers. Pkt. (150 seeds), 10c.  
 626—**Vaughan's Mixture of Double Pinks.** All of the above Double Flowering Pinks and many others in splendid mixture. Pkt. (250 seeds), 10c.; ½ oz., 25c.; oz., 40c.

## SINGLE CHINESE PINKS.

- 627—These might be described as resembling Giant Sweet Williams, with the exception that the flowers are larger, the variety of colors much greater and they bloom the first Summer from seed; they are showy and handsome, are excellent as cut flowers and bloom all Summer long. Pkt. (300 seeds), 10c.

## NEW DWARF HYBRID PINKS.

- 627a—A most beautiful mixture of Dwarf Pinks with fringed petals. The plants grow in perfect bush form about 10 inches high, and are remarkable for their free-flowering habit. The color of the flowers varies in all shades from white to deep rose and even to purplish red, and all are tinged more or less with bright salmon-scarlet and are marked with a dark ring around center. Pkt. (250 seeds), 10c.; 3 for 25c.

## VAUGHAN'S MIXTURE OF SINGLE PINKS.

- 628—This mixture is a selection from the choicest sorts in cultivation. The flowers are extraordinary large, of handsome form and embrace the most beautiful colors, ranking from white to the most delicate pink and deep, glowing crimson. For beds and cut flowers. Pkt. (250 seeds), 10c.; ½ oz., 25c.; oz., 40c.

## "VAUGHAN'S SPECIAL" Mixture of Hardy Garden Pinks.

- 629—This magnificent mixture contains all the above double and single flowering annual pinks and those listed in our novelties, and will produce the largest variety of colors as it embraces all the choicest sorts. We cannot recommend this mixture too highly, as we know it will give entire satisfaction. Pkt. (300 seeds), 10c.; 3 for 25c.; ½ oz., 30c.

## HARDY PERENNIAL OR JAPANESE CLOVE PINKS.

- 635—**Plumarius.** (Pheasant's Eye Pink.) Handsome single fringed flowers, white with dark center. Pkt., 5c.  
 636—**Plumarius, Fl. Pleno.** Double, large-flowering Pheasant's Eye Pink, with fringed edges of various colors, mixed. Pkt., 10c.  
 637—**Cyclops Perpetual Blooming Pinks.** A new strain of great beauty. The plants grow from 12 to 15 inches high; flowers large, round and produced in great abundance; colors are exquisitely delicate, light rose, copper color, crimson and flesh predominating. A clove-like odor adds to their attractiveness. If sown early, they bloom the first Summer. Pkt. (100 seeds), 10c.

## ECHEVERIA (Hen and Chickens).

These plants are easily and cheaply grown from seed.

- 660—**Many Varieties Mixed.** These seedlings will furnish a real surprise, for few people have any idea of the great variety, both in shapes and colorings, that are found among the Echeverias. Our mixture comprises all the new sorts. 25 seeds, 10c.; 100 seeds, 35c.; 250 seeds, 75c.

## ESCHOLTZIA—California Poppies

Hardy plants, bearing a profusion of richly colored flowers. Sow the seeds where the plants are wanted to bloom.

- 669—**"Rosy Morn."** A distinct new shade, producing flowers of a form hitherto unknown in the Escholtzia species. The rosy, white petals are delicately channeled or fluted with tiny folds radiating from the center and richly adorned with a soft primrose yellow hue, enhancing the beauty of this charming flower, which will, we feel confident, gain admiration and praise wherever cultivated. Large pkt., 10c.; 3 for 25c.  
 670—**Douglasii.** We can confidently recommend this new California Poppy on account of its extraordinary early flowering; being in full bloom at least a fortnight earlier than the other kinds. The color of the flowers, which are from 1½ to 1¾ in. across, is a pure golden yellow with a dark yellow center. Foliage glaucous and finely divided. Pkt., 10c.  
 671—**E. Maritima.** A very pretty sort, whitish gray foliage; flowers of a bright light yellow, with distinct deep orange spots at the base. Pkt., 5c.  
 672—**Mandarin.** Deep orange; a beautiful sort. 5c.  
 673—**Rose Cardinal.** Very deep carmine. 5c.  
 674—**Californica.** Yellow. 5c.; oz., 15c.



TYPES OF VAUGHAN'S  
"SPECIAL MIXTURE"  
HARDY  
GARDEN PINKS.

- 664—**Edelweiss.** The true and famous Edelweiss of the Alps. The flowers are of downy texture, pure silver-white and star-shaped. Succeeds in almost any not too rich soil, with full exposure to the sun. Pkt., 10c.

**Special Offer No. 126**—One packet each, Vaughan's Improved California Poppies, Vaughan's Special Mixture of Hardy Garden Pinks, Edelweiss and Pheasant's Eye Pink, "Cyclops," for 35c.



THE GOLDEN WEST.





Bouquet of Ornamental  
Grass and Ever-  
lastings.



GOMPHRENA, OR GLOBE  
AMARANTH.

### FENZLIA.

**695**—Fenzlia grows in pretty much the same fashion as the well-known Phlox Drummondii; but it is not so tall or as straggling in habit as the latter plant, and it flowers more freely, forming indeed of its blossoms a close carpet-like mass of showy pink color. The seeds may be sown outdoors any time after the first of May, and when the plants get beyond the seedling stage they are well able to care for themselves, flowering profusely all through the summer months. This plant can be used with fine effect in a rock-garden, where it requires no attention beyond scattering a few seeds in exposed pockets of fairly rich soil. Pkt., 10c.



### FORGET-ME-NOT, or Myosotis.

They succeed best in a damp, shady situation, but will thrive well in any garden soil.

**700**—Vaughan's Early and Late Flowering. This sort will bloom in eight weeks after sowing and will bring forth its lovely blossoms throughout the whole Summer and Fall and continue through the Winter if taken up and potted. The flowers are borne on long, stiff stems, are of most exquisite sky-blue with a delicate white center, and they furnish the prettiest cut flowers one could wish. Forget-me-nots will, like other plants, respond to good treatment, but they are satisfied with moisture and a somewhat shaded position. Pkt. (150 seeds), 10c.; 3 for 25c.

**701**—Blue Alpine. Pkt., 5c.

**702**—White Alpine. Pkt., 5c.

**703**—Eliza Fanrobert. Flowers large sky-blue, with clearly defined yellow eye. Pkt., 5c.

**704**—Victoria. The flowers are large and of a bright azure-blue, with yellow centers. The plants form neat bushes completely covered with blooms. A valuable variety for cut flowers. Pkt., 10c.

**705**—New White Victoria. Pkt., 10c.

**706**—New Pink Victoria. Pkt., 10c.

**707**—The Three Victorias. Mixed. Pkt., 10c.

**708**—Dissectiflora. One of the best of all the Forget-me-nots. It is of a remarkably compact habit and a profuse bloomer, having the appearance when in full flower of sheet of exquisite blue. Pkt., 10c.

**709**—Forget-Me-Not. Mixed. Pkt., 5c.

### Everlasting Flowers.

These are not only very ornamental during the Summer, but very pretty for Winter decoration, lasting for years when cut and dried.

**690**—Ammobium. White, on long stems.

**691**—Acroclineum. Double and single.

**692**—Helichrysum. All colors mixed; splendid for bouquets; can be dyed any color.

**693**—Gomphrena. Clover-like heads, mixed.

**694**—Rhodanthe. Mixed, very pretty sort.

**695**—Xeranthemum. Double; mixed.

All of these will grow in common garden soil.

Any of above, pkt., 5c.; any 3 for 10c.; one pkt. each of the six, 15c., postpaid.

### Ornamental Grasses.

**696**—These are most useful for Winter bouquets; enormous quantities of them are annually grown in Germany and exported to the United States, where they are made into bouquets with Everlasting Flowers. They are easily grown in any soil. Pkt., 10c.; 3 for 20c.



### FOUR O'CLOCKS,

### or Marvel of Peru.

This is another good old-fashioned flower. This plant bears hundreds of flowers during the season, of white, yellow, crimson and violet, some varieties combining two or more of these colors in spots, flakes and splashes in such manner as to give the flowers a most "bizarre" effect. The plants grow into little shrubs two feet or more high, and about three feet across, therefore it is necessary to give them plenty of room to develop in.

**711**—Four O'Clocks, Mixed. Includes variegated leaved sorts. Lb., 60c.; ¼ lb., 20c.; oz., 10c.; pkt., 5c.

**712**—Sweet Scented. (Longiflora.) Flowers white and very fragrant. Pkt., 5c.

**713**—Variegated-Leaved Sorts. In finest mixture. Oz., 15c.; Pkt., 5c.

**714**—New Dwarf Sorts. These are fine plants, growing about 12 inches high, each forming a bush covered with flowers. All colors mixed. Pkt., 5c.; oz., 15c.

**717**—FREESIAS. These pretty, bulbous plants, with their sprays of very fragrant and dainty white flowers, can be raised from seed and made to bloom the first year. Their beauty and delicate fragrance well repay the care given. Pkt., 10c.



### Fuchsia.

**719**—Well-known house plants. They bloom the first year from seed if sown reasonably early. Double and single varieties mixed; Pkt., (50 seeds), 15c.



### Gaillardia, or Blanket Flower.

**723**—Perfection. The now well-known Gaillardia Lorenziana is undoubtedly one of the most valuable annuals we have for cut flowers. This variety, an improvement on the above sort, produces very double flowers as round as a perfect ball, in the most varied color, and are borne on long, slender stems; when cut will keep over a week. Pkt., 5c.

### Hardy Perennial Gaillardias.

**724**—These are undoubtedly among the choicest of hardy perennials; the flowers are large, very numerous, excellent for cutting and of the most brilliant shades of orange, crimson, scarlet and vermilion, and very often a combination of all these colors in one flower. Many colors mixed. Pkt., 10c.

### IN ORDERING FLOWER SEEDS,

It is only necessary to state quantity (number of packets, ounces or pounds) wanted, the number in front of each variety, and price.



### Kelway's Hardy Gaillardia.

**725**—This is to our knowledge the choicest strain of Hardy Gaillardias. The flowers are of enormous size, and the colors the most varied we have ever seen. This is one of the hardy perennial plants that no garden should be without, and it might by rights be called an everblooming plant, since it bears flowers for about three months. Our seed is from Kelway direct. Pkt., 25c.; 3 for 65c.

**735**—Geum Coccineum Plenum. Flowers bright scarlet, double; last well when cut. Pkt., 5c.

### Gloxinia.

A magnificent class of house blooming, bulbous plants with handsome, bell-shaped flowers in a diversity of the richest colors. Our International Mixture contains the finest English, French and German strains; produce most beautiful flowers.

**738A**—International Mixture. The best strain in existence, embracing all colors, the largest flowers and the latest novelties. Pkt., 25c.

**739**—Gloxinia. Fine mixed. Pkt., 10c.

**750**—Golden Rod. Pkt., 5c.





### GEPANIMUMS FROM SEEDS.

These grow readily from seed and produce blooming plants the first Summer. There is a great deal of pleasure in watching them develop from seed, and there is always the chance of securing something new and desirable in that way.

**730—Splendid Mixed.** Planted early, they bloom the first Summer. Pkt., 5c.

**731—Zonale Varieties.** Saved from some of the finest collections and many choice and even entirely new varieties may be expected. Pkt., 10c.

**733—Lady Washington.** Pkt. (25 seeds), 20c.

**734—Apple-Scented.** Fragrant. Pkt. (25 seeds), 10c.

### NEW GILIA SNOWBANK.

*Gilia  
Dichotoma.*

**736—**The handsomest, most useful and decorative of the Gilia family. The plants grow about 8 inches high and are actually smothered with flowers, which are of snowy whiteness. When planted in a border the effect produced is similar to a ribbon or bank of snow, so completely hidden are the foliage and flower stalks. This plant is useful for all sorts of bedding, especially for park and cemetery work. Pkt., 10c.



**GODETIA.** Of hardy annuals none are more beautiful than these. They are of a dwarf habit of growth, the flowers are of handsome shape, in the most brilliant as well as delicate colors, and are produced in marvelous profusion. Of easiest culture. A child can grow them.

**746—Godetias.** Many sorts and colors, mixed. ½ oz., 12c.; pkt., 5c.

**747—Dwarf Sorts, Mixed.** Every plant will form a neat little globular bush covered with pretty flowers. Pkt., 10c.; 3 for 25c.

JACKSON CO., MISS.—Am well pleased with the seeds received from your house. My Sweet Peas grew from 5 to 8 feet in height, a brilliant mass of flowers admired by every one that saw them. After seeing the success I had several of my friends intend ordering from you hereafter. I had flowers the second week in May. One of my bouquets measured 36 in. I consider I had wonderful success.

FLORA GRIFFIN.



### ORNAMENTAL GOURDS.

A GOOD CLIMBER.

These are rapid growing climbers, therefore desirable for many places where an immense amount of vine is wanted quickly. Most sorts are good for twenty to thirty feet in a season and the blossoms of some are quite striking and handsome. Particularly is this the case with the *Lulia* or Dish Cloth Gourd. With all sorts the fruit is unique and ornamental, and often useful. If you have an old tree, dead or nearly so, Gourds will cover it to perfection. The small, fancy Gourds are excellent toys for children, while the larger Gourds may be used as dippers, sugar troughs, or bowls.

**760—Towel Gourd, or Luffa.** Many ladies prefer a dish cloth made of this Gourd to anything else, as it is always sweet and clean as long as any part of it is left. Pkt., 5c.

**761—Sugar Trough.** They have thick shells which are very light but durable. Pkt., 5c.

**762—Dipper Gourd.** Valuable for household purposes; makes an excellent dipper. Pkt., 5c.

**763—Japanese Nest Egg.** Resembling in color, shape and size the eggs of hens; are uninjured by cold or wet, and therefore make the best nest eggs. Pkt., 5c.

**764—Hercules Club.** Grows 3 to 4 feet long. 5c.

**765—Large Bottle Gourd.** Handsome and useful. Pkt., 5c.

**766—Ornamental Pomegranate, or Queen Anne's Sweet-Scented Pocket Melon.** A very Curious and useful fruit. It makes a pretty vine and a very showy fruit, which has a delicious perfume; carried in the pocket or laid on the mantle it imparts a delicious fragrance; served with sugar it makes a dainty dessert. Pkt. (20 seeds), 5c.

**767—Gourd Orange.** The well-known Mock Orange. Pkt., 5c.

**768—Pear Shaped.** Striped yellow and green. Pkt., 5c.

**769—Turk's Turban.** The most peculiar of all. Pkt., 5c.

**770—Mixed Gourds.** All the above and many others. Pkt., 5c.; ½ oz., 15 c.; oz., 25c.

**775—Gourd.** 10 different kinds, 30c.

**776—Collections.** 6 different kinds, 20c.

### HORNED AFRICAN CUCUMBER.

**813—**The vine is handsome and exceedingly luxuriant. One hill will cover a trellis at least 10 feet square with a solid sheet of dark green through which the sun cannot penetrate. It is the fruit, however, which is the most curious and distinct feature. When the fruits ripen they turn a brilliant orange and yellow, and are then highly ornamental. These ripe fruits will keep sound and perfect for weeks. The young fruits make most excellent pickles, and from this state up to their full size they can be eaten green. Pkt., 10c.; 3 for 25c.

### HELIOTROPE.

Among fragrant flowers *Heliotrope* is one of the sweetest. It is well adapted for bedding out during summer, where it produces an abundance of bloom. It is a splendid pot plant for summer blooming, and may be made to produce flowers through the winter months with proper care. They are easily grown. They produce flowers in all shades of blue, also white. Nothing is finer for bouquets, they are so dainty, and the sweet vanilla odor is liked by all.

### Mammoth Flowering Heliotrope.

**791—**Blooms from seed the first year, and as early as Sweet Peas or Balsams. *Heliotrope* will bloom as easily from seed as any of the common annuals. Pkt., 10c.; 3 for 25c.

**Helichrysum.** (See Everlasting Flowers.)



GREVILLEA—SILK OAK.

### GREVILLEA ROBUSTA, or Silk Oak.

**777—**One of the quickest growing of ornamental house plants. It is easy to manage, grows rapidly from seed, and is pretty in all its stages of growth. With its long, drooping, silky foliage it reminds one of a palm or fern. Pkt. (20 seeds), 10c.



[GYPSOPHILA.

### Gypsophila, or Angel's Breath.

**780—**An annual that should be in every garden, for it thrives everywhere, and furnishes the loveliest material for all kinds of bouquets, either roses, carnations, dahlias, or anything else. As our illustration shows, the tiny little flowers are borne in abundance, on long, graceful, branching stems, which lend a most graceful, light appearance. Pkt., 5c.; ½ oz., 10c.; oz., 15c.

**781—Gypsophila Elegans, Pink.** Just like above, except in color, which is a delicate pink; splendid for carpeting in rose or lily beds. Pkt., 5c.; ½ oz., 10c.; oz., 15c.

**782—Gypsophila Paniculata (Baby's Breath).** Flowers white. A hardy perennial which will stay in the ground all Winter. Pkt., 5c.



### Flowering Heliotrope Plants.

From Seed sown in Spring.

It is but little known that seed sown in February and March will produce large flowering plants the first Summer. Our mixture contains seeds from many named sorts and will produce fine plants with proper treatment. Cultural directions on each pkg.

**790—Heliotrope, Mixed.** Pkt. (100 seeds), 5c.




**Vaughan's Prize Hollyhocks.**

82—All our seeds of this beautiful plant have been saved from the finest and largest double flowers only and will produce flowers extremely double and in the best, brightest and most charming colors. Sow early.

For Roots see Plant Department.

**800—Double White.** **801—Pink.** **802—Crimson.** **803—Canary Yellow.** **804—Salmon.** **805—Faust,** black, edged with white. Per pkt., 10c., any 3 for 20c.

**806—Vaughan's Prize Hollyhocks,** in the largest variety mixed; includes all the above named separate colors and others. Pkt. (100 seeds), 10c.; 3 for 25c.

**808—Double Hollyhocks.** A good mixture. Pkt., 5c.

**809—Single Hollyhocks.** Our mixture contains all colors. Pkt., 5c.; ¼ oz., 15c.; ½ oz., 25c.; oz., 40c.



VARIEGATED JAPANESE HOP.

**Variegated Japanese Hop.**

**815—**There is no hardier climbing vine than the Japanese Hop, and for quick growth, resistance to drouth or insects it has no equal. This new sort possesses all the good qualities of its parent, and in addition has beautifully variegated foliage, splashed and streaked with white. Pkt., 10c.

**816—Green-Leaved Japanese Hop.** One of the most rapid growing ornamental climbers. Pkt., 5c.; ¼ oz., 10c.

**794—Hesperis.** (Sweet Rocket.) Mixed. Pkt., 5c.

**795—Heuchera Sanguinea.** A hardy perennial of great merit. Plants grow about 18 inches high, and produce their flowers in long, graceful trusses of the brightest crimson. They are exceedingly handsome and valuable for cut flowers. Pkt. (200 seeds), 10c.

**Hibiscus, Giant Golden Bowl.** **797—**The flowers of this magnificent Hibiscus are from 6 to 9 inches in diameter. Their color is a rich, deep cream, with a velvety, crimson and maroon center. The plants grow from 3 to 5 feet high, and bear from 10 to 20 of their gigantic bell-shaped flowers at one time. They commence to bloom when the plants are quite young and continue until late in the Fall. They are perennials and can be taken up in the Autumn and wintered over while in the South they are quite hardy. They are very easily grown from seed, which should be started in house to prolong the flowering season. Pkt. (40 seeds), 10c.

**Hibiscus, Crimson Eye.** **798—**These immense flowers of pure white, with a large crimson eye, often measure 7 inches in diameter, and a plant will often have as many as fifty of them. It blooms from seed the first year, sown in the open ground. A perennial, and lasts year after year. Pkt., 5c.

**Mammoth Allegheny Hollyhocks.** **810—**If sown early, blooms the first year from seed. A New Type of Hollyhock. This grand new flower is a decided improvement in more than one particular over the old-fashioned variety. Its first point of merit is the fine transparent, fringed, chrysanthemum-shaped flowers which look as though they were made of crushed silk. It is a perpetual bloomer. The colors are shell pink, rose and ruby-red, a shade or two deeper at the center, and exquisitely tinted towards the edge. The flowers do not, as on the other double Hollyhocks, rot on the stem, but drop as soon as they fade. One has to see this plant in bloom to appreciate its clear, transparent colors, which make a row shine with rainbow effect. We advise everybody who has a garden, no matter how large or small, to sow a packet of seed of this beautiful plant, Extra Selected Seed, per pkt. (60 seeds), 10c.; 3 for 25c.

**810A—New White Allegheny Hollyhock.** This is a fine selection of White flowers, double and semi-double, entirely new. Pkt., 20c.

**Vaughan's Manure for the Home Garden.**

This is suited for all kinds of flowers, vegetables and the lawn, being a high grade complete Fertilizer, just what is needed to make plants grow and produce fine vegetables.

This manure is much easier to handle than stable manure; it is cleaner, odorless, and in most cases cheaper. As to the quantity required, it takes from 3 to 5 lbs. to 100 square feet of garden. A 100 lb. bag is therefore sufficient for a garden of 2000 square feet. Price, 5 lb. box, 30c.; 10 lbs., 50c.; 25 lb. bag, \$1.00; 50 lbs., \$1.60; 100 lbs., \$2.75; 200 lbs., \$5.00; 500 lbs., \$11.00.



BUSH ESCHOLTZIA.

**Bush Escholtzia, or Hunnemannia.**

**817—**This is a most beautiful plant and we want every one of our customers to plant at least one packet of it on the strength of our recommendation. The plants grow into a shrubby bush, 2 feet high, and produce large cup-shaped flowers 3 inches across on stems 12 inches long. The color is of clear, bright yellow, the petals are broad and crinkled, like crushed satin. The flowers keep in water for two weeks. Large pkt., 10c.; ¼ oz., 20c.

**Impatiens Sultani, Zanzibar Balsam.**

**827—**One of the prettiest plants for pot culture and also outdoor planting in a half-shaded situation; are remarkable for their long duration of bloom. It is very charming for Winter blooming, as when the plants are only a few inches in height they commence blooming, and continue through the entire season, sending out perfect masses of rosy flowers which are very lovely in contrast with the glossy green of the foliage. There are very few more satisfactory plants for Winter blooming. Pkt. (25 seeds), 10c.

**Incarvillea Delavayi.** **829—**The flowers, which resemble a Gloxinia in shape, are produced on stout stalks, about 3 feet high, and are of a rosy-carmine color, spotted with yellow; the throat is brown. It is of easy culture, and it will bloom during the first year if the seed be sown in a cold frame very early in the Spring. It proved hardy in Chicago with a protection of leaves. Pkt. (20 seeds), 15c.; 2 for 25c.


**Climbing Dolichos.** Also called Hyacinth-Bean or Japanese Wistaria Bean.

**820—Princess Helen, or "Daylight."** One of the prettiest climbers. Of very rapid growth, the plant is indifferent to bad weather, and it will grow to a height of 15 feet by Mid-Summer. The flowers, which appear in great numbers, are snow-white, sweet-scented and are followed by cream colored pods which hang to the plants until late in the Fall. Pkt. (20 seeds), 10c.; ¼ oz., 20c.

**821—Purple Soudan.** A very curious and highly decorative climber, much earlier than the ordinary Dolichos and also much more floriferous. The stems are intense purple color, and the beautiful long flowers, that are produced during the whole Summer, are of a brilliant rose, contrasting strikingly with the dark foliage. The seed pods are themselves an ornament to the plant, owing to the dark-red color. Stands heat exceedingly well and for covering walls, trellises, etc., will be found invaluable. Pkt. (20 seeds), 5c.; ¼ oz., 15c.

**822—Hyacinth Bean.** All kinds mixed. Pkt. (20 seeds) 5c.; ½ oz., 10c.; oz., 15c.; 2 oz., 25c.; ¼ lb., 40c.

**825—Ice Plant.** (Mesembryanthemum.) Suitable for rock work, hanging baskets, etc. Foliage thick, flowers frosted, wax-like. Pkt., 5c.

**Ionopsisidium, or Diamond Flower.**

**830—**A most charming little flower for pot culture. Seeds sprinkled in a pot will bloom in a month. If scattered around on pots in which other plants are growing they will make a most charming effect. The plants grow about 2 inches high and are covered with glistening white and violet flowers. Pkt., 5c.





KENILWORTH IVY.

### KENILWORTH IVY.

**831**—One of the most beautiful of basket or vase plants is Kenilworth Ivy (*Linaria Cymbalaria*), and it can be grown from seeds by anyone as readily as a Morning Glory. Seedling plants are of rapid growth, come into bloom in a few weeks, and make long drooping sprays of exquisite foliage thickly set with lovely little flowers. The plant thrives in a cool, dense shade, and likes plenty of moisture about the roots. The plants are hardy perennials with protection at the north, and are excellent for carpeting a bed of Roses or Gladioli. For a north window, or a window which the sun does not reach, this lovely basket plant is just suited. It also does well in plant vases kept in a shaded place. Pkt., 5c. **832**—White. 10c.

### KOCHIA SCOPARIA, or Summer Cypress.

**833**—The plants grow freely from seed sown in the open ground, when the trees are coming out in leaf, and from the earliest stage of growth in the spring until they reach maturity in the Fall the plants are always of globe-like form. The plants branch freely, and the stems are clothed with slender light-green leaves. Early in the Fall the ends of the shoots are thickly set with small bright-scarlet flowers,—the bushy plants resembling balls of fire. The plants are equally showy, planted singly to show the round ball-like form on all sides, or grown in continuous rows or hedges. Pkt., 10c.; 3 pkts. for 25c.

### LANTANA, New Dwarf Compact Bedding Hybrids.

**835**—Of dwarf and compact growth, they will be found a great improvement upon the older sorts and a splendid acquisition to our list of window and garden flowers. Pkt. (25 seeds), 10c.

**836**—*Lantana Hybrida*. A very pretty perennial plant, suitable for outdoor use in Summer and for house culture. Flowers Verbena-like in many colors, 5c.

### LEMON VERBENA.

**845**—The seed of this grand old favorite is very scarce. Our seed is fresh and pure. The leaves are delightfully fragrant and refreshing. It grows easy from seed and lives from year to year. Pkt. (60 seeds), 10c.

**846**—*Linum*. (Flowering Flax.) Flowers bright scarlet. Pkt., 5c.

### LOBELIA.

A dwarf plant with delicate, graceful foliage and pretty, fine flowers. Of value chiefly for hanging baskets and borders. H. H. P.

**851**—*Lobelia Ramosa*, "Heavenly Blue." The beautiful plants grow in neat, compact bushes from 9 to 12 in. in height, producing flowers almost 1 in. in diameter, of the most delightful blue. It is a very useful and handsome plant, either for pots or for mixed borders. Pkt. (350 seeds), 10c.

**853**—*L. Erinus*, Emperor William. Dwarf, dark blue. Pkt., 5c.

**854**—*Crystal Palace*. (Compacta.) Deep blue, dark foliage; the best bedding sort; 6 in. high. Pkt., 10c.

**855**—*Speciosa*. Dark blue, best for hanging baskets. Pkt., 5c.

**856**—*White Gem*. Grand sort for ribbon and carpet bedding and for pots. Pkt., 10c.

**857**—*Mixed Colors*. Pkt., 5c.

**858**—*Splendens*. A half-hardy herbaceous plant producing large, intense scarlet flowers. Pkt., 10c.

### LOBELIA, "BEDDING QUEEN."

*Lobelia erinus pumila splendens*.

**850**—This new variety is undoubtedly the most remarkable and magnificent of the dwarf Lobelias. The habit of the plant is very dwarf and compact, forming handsome little bushes which are entirely covered with large flowers of the deepest purple, contrasting most charmingly with the pure white eye. Its freedom and duration of bloom is remarkable, the flowers lasting until late in the Fall. The best Lobelia for carpet beds, borders and pots. Price, per pkt. 10c.; 3 for 25c.



VAUGHAN'S GIANT MACHET MIGNONETTE.

### MARIGOLDS.

**865**—*Eldorado*. Immense flowers, 9 to 14 inches around; double; primrose, lemon, orange and golden shades. 8 feet. Pkt., 5c.; ¼ oz., 10c.

**866**—*Lemon Queen*. Flowers are very large and double; plants about 18 inches high. Pkt., 5c.

**867**—*Double African Marigold, Mixed*. Pkt., 5c.; ½ oz., 15c.; oz., 25c.

**868**—*Imported Collection of Double African Marigolds*. 6 colors. 20c.

**869**—*Vaughan's Special Mixture of Double Tall African Marigold*. Pkt., 10c. 3 for 25c. Includes all the best colors; made up from separate sorts.

**875**—*Legion of Honor*. One of the prettiest and handsomest of the Marigolds. The plants grow 9 in. high, are insect and drought proof and will bloom from the middle of Summer until late in Fall. Flowers rich golden-yellow, marked with velvety brown. Pkt., 5c.

**876**—*Dwarf Gold Striped*. Rich velvety maroon, striped with gold. Pkt., 5c.

**877**—*Double French Marigold, Mixed*. Pkt., 5c.; ½ oz., 15c.; oz., 25c.

**878**—*Imported Collection of Double French Marigolds*. 6 colors. 20c.

**879**—*Vaughan's Special Mixture Dwarf Marigolds*. Pkt., 10c.; 3 for 25c.

**Matricaria**. **886**—*Double Feverfew*. Lovely little plants with double white flowers and pretty curled foliage. Pkt., 5c.

**Martynia**. **885**—A plant with singular seed vessels, used for pickles. Pkt., 5c.

**Maurandya**. **887**—This vine is better than any of the Ivies for the window garden and almost equal to Smilax in delicate beauty. It is hardy even out of doors and needs no extra care to succeed inside. It blossoms profusely, is easily grown from seed and roots readily from cuttings. *Maurandya* is decidedly a vine for the amateur. Mixed color. Pkt., 10c.

**VAUGHAN'S GIANT MACHET MIGNONETTE**. **890**—There is no Mignonette which can equal this. Its flowers are larger in every way than those of other sorts, the spikes are very dense, its foliage is distinct, being crinkly, while its odor is strong and most delicious. The plants grow in handsome bush form and the flower spikes are borne on stiff wiry stems. It is the Best Mignonette for all purposes, either for pots or for the garden. It is an Everbloomer, the flowers lasting until late in the Fall. We supply this sort largely to our florist customers. Our seed is grown with the most scrupulous care and it gives entire satisfaction. Do not fail to get *Vaughan's Giant Machet* for sowing in your garden and another package to sow in pots in June or July to bloom next Winter. Pkt., 10c.; 3 for 25c.; ½ oz., 40c.; oz., 65c.

**891**—*New Giant Mignonette, Glory of Anjou*. This new Mignonette, which was awarded a prize at the Paris exposition in 1900, is the largest of all Mignonettes. It is entirely distinct from other kinds by its large, rich, crinkly foliage. The spikes are very long and thick, red and very sweet. The plants grow very tall and might justly be called a "Giant Tree Mignonette." Pkt., 10c.; 3 for 25c.

**893**—*Giant Red*. This wonderful Mignonette grows 12 to 16 inches in height, in pyramidal form; its enormous flower spikes are of the largest size, the individual blossoms of an intense red color and are very sweet scented. One of the best for cut flowers and pots. Pkt., 10c.; ½ oz., 20c.

**894**—*Large-Flowering Pyramidal*. Flowers very sweet, stems large and stiff. One of the best for cut flowers. Pkt., 5c.

**895**—*Grandiflora*. Large-flowered. ¼ lb., 25c.; oz., 10c.; pkt., 5c.

**896**—*Parson's White*. Distinct, almost white. Pkt., 5c.

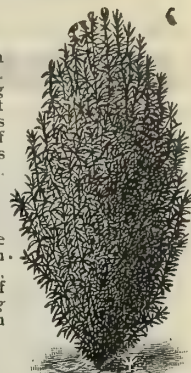
**897**—*Gabriele*. New, red-flowering; very sweet, spikes very thick; one of the best. Pkt., 5c.

**898**—*Nana Compacta Multiflora*. Dwarf; flowers red and very sweet. Pkt., 5c.

**899**—*Golden Queen*. Golden flowers. Pkt., 5c.

**900**—*Mixture of Many Sorts*. Oz., 15c.; ½ oz., 10c.; pkt., 5c.

**901**—*Giant White Spiral*. Very long white spikes produced in great abundance; a most excellent cut-flower. Is not fragrant. Pkt., 5c.



KOCHIA.



ELDORADO MARIGOLD.



## MORNING GLORIES

They are by far the most popular annual vine that is grown for the purpose of screening or shade. They easily reach a height of ten to fifteen feet and furnish an abundance of luxuriant foliage and gay blossoms. This is particularly true of the Japanese Imperial Morning Glories. They make a heavier vine than the old fashioned sort, with larger leaves, some of which are of a yellowish color and others green marbled with white, and very ornamental. They are good for any situation where a vine of their height and vigor is desirable, but we would not do without the old type of Morning Glories altogether. They have a charm all their own and would be missed.

### Vaughan's "Special Mixture" of Japanese Morning Glories.

**1033**—Their varieties of color are infinite, running from snow-white through all possible shades of blue and of red from palest pink to darkest reds and purples. They are streaked, mottled, striped, marbled and bordered in wonderful fashion and sometimes show rare shadings of ash-gray, bronze, terra cotta, brown and slate blue, colors rarely found in any other flowers. The leaves are also very handsome; some are ivy-like, others are heart shaped, some are rich green, while others are streaked and marbled with white and silvery gray or yellow, others with choicest flowers; have rich, golden leaves. They will grow twenty feet high by August 1st. They grow like weeds anywhere in the sun or shade, but the seeds germinate a little slower than those of the common Morning Glory, and it is well to soak them in water for twenty-four hours before sowing. This mixture contains a finer and larger collection of colors with larger flowers, more frilled than the ordinary mixture. Pkt., 10c.; ½ oz., 20c.; oz., 30c.; ¼ lb., \$1.00; lb., \$3.00.

**1034**—Japanese Morning Glory. A good mixture. Pkt. (50 seeds), 5c.; ½ oz., 10c.; oz., 15c.; 2 ozs., 25c.; ¼ lb., 35c.; lb., \$1.00, postpaid.

**1029**—Morning Glory. Imported collection of 8 distinct colors. 20c.  
**1025**—White, 5c. **1026**—Blue, 5c. **1027**—Crimson, 5c. **1028**—Striped, 5c.

**1030**—Morning Glory, Mixed. Lb., 65c.; ¼ lb., 20c.; oz., 10c.; pkt., 5c.

### Dwarf or Bedding Morning Glories.

**1031**—(*Convolvulus Minor*.) This is one of the plants which should be better known. The plants grow about a foot high and its flowers possess all the richness of color peculiar to the Climbing Morning Glory. Grows very easily from seed and are covered with flowers throughout the whole season. Pkt., 5c.; oz., 15c.

**1032**—Mauritanicus. For hanging baskets. Beautiful blue flowers. Pkt., 5c.

**1017**—Brazilian Morning Glory. (*Ipomoea Selosa*.) A grand and luxuriant twining vine. The thick stems and leaf stalks are covered with reddish brown hairs. The deeply lobed leaves are from eight to twelve inches across; flowers about two inches in diameter, of delicate texture, tinted pink, with a five-pointed star of satiny pink and are followed by curious seed pods. Pkt. (15 seeds), 10c.

**1018**—Heavenly Blue. Foliage very large, heart-shaped; flowers four to five inches across, in large clusters and produced in such abundance as to nearly hide the foliage. Color most magnificent sky-blue. Pkt. (10 seeds), 10c.

**1019**—Leari. Satiny-blue, crimson bars. Pkt. (12 seeds), 10c.

**1020**—Bona Nox (Evening Glory.) Violet; flowers large and fragrant, especially in the evening. Pkt., 5c.



TYPES OF  
VAUGHAN'S SPECIAL  
JAPANESE MORNING GLORY.

### New Pink Hybrid Moonflower.

**1015**—This Moonflower is of marvelous growth. Seeds germinate very quickly and plants begin to bloom about as soon as Morning Glories. The blooms are produced by the thousand all Summer and Fall. The vine makes a most rapid growth and covers more space than any other Moonflower or other annual vine. It branches freely and its foliage is dense, luxuriant and of large size, often measuring seven inches across. In color they are of a most exquisite, soft, lilac-pink. It will succeed wherever a Morning Glory will do well. This choice flower may also be grown in pots, trained around a window or veranda. It is a cross between the Giant Moonflower and the Great Pink Brazilian Morning Glory. Pkt. (15 seeds), 10c.; 3 for 25c.

**1016**—Moonflower. (*Ipomoea Noctiflora*.) It bears lovely white flowers 5 to 6 in. in diameter, with a five-pointed star in the center; the flowers open at dusk, or earlier on cloudy days, at which time they are deliciously fragrant. Start the seed in the house and set out as early as safe in the Spring. Pkt., (10 seeds), 7c.

**Special Offer No. 132.** One pkt. each of White Moonflower, Brazilian Morning Glory and Pink Hybrid Moonflower for 20c.

### Molucca Balm, or Shell Flower.

**1009**—(*Molucella laevis*.) Although robust and easily grown everywhere, this interesting annual from Syria is but little known. It grows from 2 to 3 ft. high, sending up a strong central stem with numerous branches, each of which is so completely surrounded by flowers as to leave scarcely any room for the leaves. The flower is curious, its large shell-like calyx is green and delicately veined, containing within it the small corolla, which is white, striped with purple. When cut or broken it emits a strong fragrance of balm. Pkt., 10c.

### New Dwarf Musk Plant.

**1000**—It is a very free bloomer of close, compact growth and only 3 or 4 in. high. Blossoms are of full size and exquisite fragrance. Pkt., 10c.

**1001**—*M. Moschatus*, Musk Plant. Pkt., 5c.

### Double Monkey Flower.

**1002**—(*Mimulus Tigrinus Hybridus fl. pl.*) It grows about 8 inches high, is remarkably free of bloom, the flowers are double and shade in color through pale yellow, golden, flesh, rose, crimson, and maroon, handsomely blotched and marked. This bizarre plant is of easy culture, thriving in any moist or shady situation, and its gorgeous blossoms delight the eye for a long time. Pkt., 10c.; 3 for 25c.

**1003**—Single Monkey Flower. A showy variety with fine, blotched flowers. Pkt., 5c.

### Mina Lobata.

**1005**—A charming Mexican climber, with tube-shaped flowers produced in the greatest profusion. In color they are particularly attractive, the buds being first of a bright red, but changing through orange-yellow to creamy white when fully expanded. The foliage is very handsome, dense and luxuriant; of vigorous growth; attains a height of twelve feet. Pkt. (20 seeds), 10c.

### Mina Sanguinea.

**1006**—One of the most beautiful annual climbers in our list; a very profuse and early bloomer. The vines attain a height of 20 to 30 ft. very rapidly. The leaves resemble oak leaves and the flowers are borne in large clusters. Blood red, yellow throat. Pkt. (25 seeds), 5c.

**1007**—Mina Sanguinea and Lobata. Mixed. Pkt. (20 seeds), 10c.

### Oenothera, Evening Primrose.

**1110**—Neat plants, with large, saucer-shaped flowers, white or golden-yellow; open at dusk; emit a delightful perfume. Pkt., 5c.

### Oenothera, Mexican Primrose.

**1111**—A most desirable plant for Summer and Autumn blooming. The plants grow about 10 in. high and are covered with large flowers of a beautiful pink, with a white center. Useful both for pots and outdoors. Pkt. (about 300 seeds), 10c.

### Oxalis Rosea, Mixed.

**1112**—A most excellent little plant for borders or pots; blooms all Summer in the greatest profusion; flowers dark rose, delicate pink and white. Pkt., 5c.

### Oxalis Tropaeoloides.

**1113**—Suitable for rock work rustic baskets, etc., largely used in parks. Flowers deep yellow, leaves brown; height, 6 inches. Pkt. (150 seeds), 5c.



Nicotiana Affinis.

### Sweet Scented Tobacco Plant.

**1105**—This plant attains a height of about two feet and produces an abundance of large, pure white flowers of delicious fragrance. If taken up in the Fall, cut back and potted, they will bloom all Winter. Pkt., 5c.



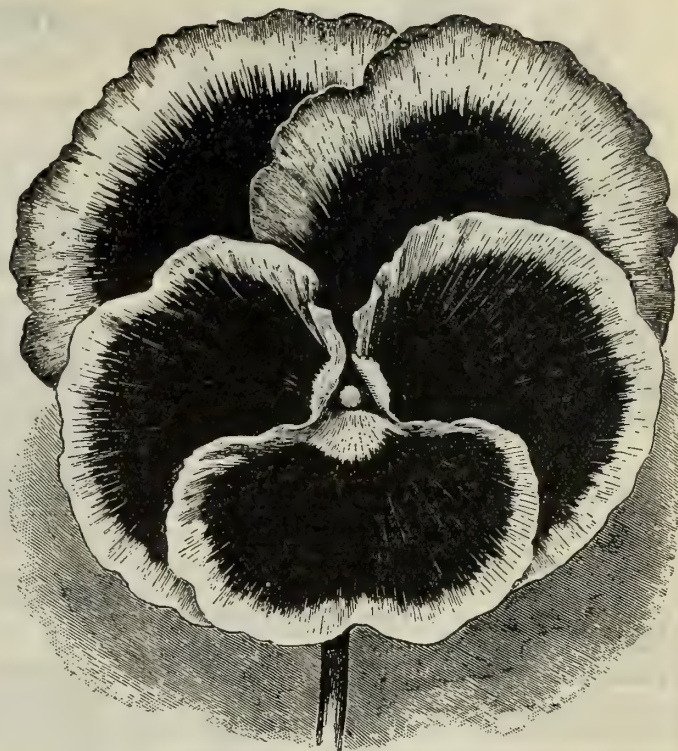
## Vaughan's Giant Pansies

SEE ALSO NOVELTIES.

There is nothing in our extensive list of Flower Seeds which is more important than Pansy seed, and we spare no trouble or expense to have the very best strains that are to be procured, and we know there is no better Pansy Seed to be had either in this country or in Europe than that we carry in stock and supply to our customers.

**PRICE** ANY OF THE FOLLOWING VARIETIES, EXCEPT WHERE NOTED: Pkt. (100 seeds), 10c.; 3 (10c.) pkts. for 25c.; 6 (10c.) pkts. for 45c.

- 1132—"Adonis." Color a magnificent light blue with a white center which sets off the dark blotches on the petals in a most striking manner.
- 1133—"President Carnot." The ground color is white and each petal is almost covered with a deep, rich velvety blotch of dark violet blue, leaving a broad white margin.
- 1134—"Mad. Perrett." Edge of petal is frilled. The colors are of dark wine, pink and red, beautifully veined and all with a white margin.
- 1135—"Cassier." This is a very fine mixture of Pansies marked with three or five blotches on rich backgrounds. The flowers are very large, round and borne on stiff stalks emerging from bushy, compact plants. This mixture contains a great many red shades.
- 1136A White. Flowers often 3 inches in diameter, pure white with a large violet blotch on the three lower petals. (See above for kinds not priced.)
- 1137—"Beaconsfield." This is a great favorite on account of the rich combination of purple and lavender, shading to white towards the top.
- 1138—"Yellow." A beautiful clear yellow, heavily blotched on the lower petals.
- 1139—"Purple." Of deepest royal purple known. Pkt., 5c.
- 1140—"Emperor William." Splendid ultra-marine blue with purple eye.
- 1141—"Auricula Colors." Beautiful shadings of copper and mahogany colors.
- 1142—"Coal Black." A jet black of truly giant size.
- 1143—"Copper Color." Can be had from us only.
- 1144—"Aurora." Flowers large, color pure white without blotches.
- 1145—"Golden Queen." Clear golden yellow with a few dark pencilings in center.
- 1146—"Empress Augusta Victoria." A charming new sort. Color, porcelain white with a soft blush cast. The upper petals are margined violet, while the lower petals are marked with a large purple blotch. Pkt. (150 seeds), 10c.; 3 for 25c.
- 1147—"Fairy Queen." This is one of the prettiest of the large flowering Pansies. The flowers are of the loveliest sky-blue with a fine silver border. Pkt. 10c.
- 1148—"New Giant Sweet Scented." The flowers of this choice strain are of enormous size, in Spring and Fall, often measuring 4 inches across, and have a much stronger fragrance than any other Pansy. Pkt., 20c.; 3 for 50c.
- 1149—"Freya." Color, rich deep purple violet with a broad white margin, which shows just as distinctly on the back of the petals.
- 1150—"President McKinley." The ground color is a deep golden-yellow, while each petal has a large blotch of rich dark violet, leaving a clear golden-yellow margin.
- 1151—"Violet Blue." Of immense size and of rich velvety texture.
- 1152—"Fancy Striped." A beautiful mixture. The flowers are striped and mottled in various tints on contrasting grounds.



1153—"Bugnot." Its flowers are of enormous size and circular form; the petals are of great substance and velvety appearance, each one bearing a large, deeply colored blotch that runs out in delicate veins to the edge; the shadings comprise tints of red, bronze and brown not found in any other mixture. Pkt. 15c.

1154—"Mammoth Butterfly." The flowers are very large, of good form and substance and produced freely. In coloring they are varied, seldom two alike in a hundred plants. They are mottled and spotted, streaked, tigered and splashed, while the colors are mainly those rich wine reds, chocolate, velvety red-brown, lavender, violet and purple shades which are only found in a Pansy blossom. Per pkt. of 250 seeds, 10c.

1155—"Paris Pansy Mixture." Thousands of these Pansies are sold daily in the Paris markets. The flowers of this strain are as large as the Trimardeau and far superior in color and substance of petals; blotches are more conspicuous.

1156—"Trimardeau Mixture." Flowers large, with a dark blotch on the three lower petals. The best low-priced mixture of Giant Pansies. Pkt. 5c.; 1/2 oz. (about 1,250 seeds), 40c.

### Vaughan's "Giant Pansy Mixture."

and our International Pansy. This mixture includes the richest reds, coppers and bronzes, together with the most delicate rose and pink shadings, all the distinct colors of Trimardeau, the splendid Cassier strain with its delicate veinings. We have spared no expense to secure the newest, richest and finest sorts.

Price, 1/2 oz.; \$1.00; pkt. (250 seeds) 20c.; 3 for 50c.

1160—Embraces, besides all the above shades and colors, five special strains not listed elsewhere in this Catalogue and which can only be had in this mixture. The flowers must show a wide range of colorings and markings, must have thick, velvety petals with fluted or semi-double edges and must stand erect on good stiff stems with healthy, strong growth of plant. While every solid color must be represented there is also all possible variations of each one of these. The Whites have all possible variations of stripes, veinings and shadings. The same is true of the Yellows, Purples, Browns, Reds and other distinct shades, besides many shades of Pink, Mahogany, Fire Colored, Bronze-Gold, etc.

1161—The same, pkt. of 100 seeds, 10c.

### Vaughan's Collection of Giant Pansies.

1162—One packet (containing 50 seeds) each of Giant White, Giant Yellow, Giant Beaconsfield, Giant Striped, Giant Emperor William, Giant Copper Color and Giant Paris. 7 pkts. for 25c.



## Vaughan's International The World's Best Pansies

1190—Vaughan's International is, and always has been, literally a "World's Best" Mixture. While searching the world over among the growers for the best in every land, we are not satisfied to accept any mixture because varied in color but the flowers must come near a high standard of form which we have set, must be composed of well-rounded, perfect-shaped flowers must show a wide range of colorings and markings, must have thick, velvety petals with fluted or semi-double edges and must stand erect on good stiff stems with healthy, strong growth of plant. While every solid color must be represented there is also all possible variations of each one of these. The Whites have all possible variations of stripes, veinings and shadings. The same is true of the Yellows, Purples, Browns, Reds and other distinct shades, besides many shades of Pink, Mahogany, Fire Colored, Bronze-Gold, etc.

Vaughan's International is, we firmly believe, the best Pansy mixture in existence, because it is composed of the cream of 10 Pansy Specialists' collections. It contains besides the fancy selections of these growers all the separate colors and strains in cultivation, carefully prepared by ourselves, so we know just what it should produce.

This is one of the specialties that has established the reputation of Vaughan's Seeds, and our customers can readily see why it is our most earnest endeavor to make Vaughan's International Pansy Mixture better than ever. Price, pkt. (250 seeds), 25c.; 3 pkts. (750 seeds), 65c.; 5 pkts. (1250 seeds), \$1.00.

## A GREAT RECORD

### VAUGHAN'S INTERNATIONAL PANSY MIXTURE

Was Awarded

A Medal at the World's Fair in Chicago in 1893.

A Medal at the Trans-Mississippi Exposition in Omaha in 1898.

A Medal at the Pan-American Exposition in Buffalo in 1901.





## CHICAGO PARKS BEDDING PANSIES

This is the best strain for bedding purposes. The plants are of vigorous, even growth, the flowers are large and of good substance.

Per pkt., any of the following, 5c.; any 3 for 10c.; any 8 for 25c.

- 1200—Azure Blue. Velvety, dark.  
 1201—Black, with Red and White Margin. Handsome  
 1202—Black, with Gold Bronze.  
 1203—Blue Black. Splendid for bedding.  
 1204—Brown and Gold. The oddest shades.  
 1205—Cardinal Red. Rich scarlet.  
 1206—Dark Blue. Large.  
 1207—Dark Colors. Mixed.  
 1208—Deep Yellow. Very rich.  
 1209—Dr. Faust. Deep jet black.  
 1210—Emperor William. Ultramarine blue, with dark center.  
 1211—English "Face Pansy." A fine bright blue color  
 1212—Fire Dragon. Fiery orange, dark eye. Very effective.  
 1213—Gold Margined. The 3 lower petals each have a deep brown-red blotch with a broad margin of yellow, while the upper two petals are of a most intense fiery red.

- 1214—Golden Gem. Golden-yellow without black center.  
 1216—Light Blue. Delicate shade.  
 1217—Lord Beaconsfield. Purple violet, shading off to lavender  
 1218—Mahogany Colors.  
 1219—Peacock. Upper and lower petals royal purple, shot with peacock blue.  
 1220—Prince Bismarck. Bronze and light brown.  
 1221—Quadrilateral, or Pheasant's Eye. Upper petals sky-blue, edged with violet; lower petals spotted and marbled.  
 1222—Silver Edge. Dark, light edge.  
 1223—Snow Queen. White, pure.  
 1224—Striped, or Fancy.  
 1225—Velvet Brown. Rich shades.  
 1226—White. With dark center.  
 1227—Coquette De Poissy. Of a lovely, distinct slate, or mouse color.

### VAUGHAN'S BARGAIN COLLECTION OF BEDDING PANSIES.

Ten Kinds, 1 pkt. each, for 25c.  
 Each packet contains 75 seeds.

- |                                 |   |
|---------------------------------|---|
| Pure White, with eye            | Lord Beaconsfield, beautiful lavender, shading to purple. |
| Fancy Striped.                  | Gold Margin, velvety brown.                               |
| Golden Yellow, with eye.        | Sky Blue, with white margin.                              |
| Pheasant's Eye, rainbow colors. | Prince Bismarck, rich bronze.                             |
| Victoria, rich wine color.      |   |
| Mahogany Colors.                |   |

### CHICAGO PARKS BEDDING PANSIES, Mixed.

1233—All the above. Pkt. (150 seeds), 5c.; 3 for 12c.; ½ oz., 25c.

### NEW TUFTED PANSIES.

1240—For years these hardy, tufted Pansies have been grown in England, where they are most extensively used for borders, but they were always propagated by cuttings. The plants grow in dense compact little bushes, which are completely covered with their bright flowers from early Spring until late in the Fall. The colors range in all shades of white, pink, blue, yellow, violet and purple, as self colors or in combinations. It is a decorative plant of the highest order, and we feel sure it will soon be as universally grown in this country as it has been for years in England. Pkt. (150 seeds), 10c.; 3 pkts. for 25c.

### VAUGHAN'S PREMIUM PANSIES.

While the Giant-Flowered Pansies are great favorites on account of the immense size of their flowers and velvety texture and substance of their petals. This strain most celebrated all over Europe, is from a specialist who has devoted his life to improvement of these flowers; no better strain is to be had. It is impossible to describe them, as they embrace all colors and markings.

1235—Vaughan's Premium Pansies in Splendid Mixture. Pkt. (120 seeds), 10c.; 3 for 25c.; ½ oz., \$1.00. Special Offer, (No. 144. 1 pkt. each Nos. 1160 and 1235 for 25c.

For freedom of bloom, variety of colors, ease of culture and effectiveness these rank with the Asters, Phlox and Verbenas. If only a little care is bestowed upon them, Petunias will produce their handsome, sweet-scented flowers in their delicate and gorgeous colors throughout the whole Summer.



## PETUNIA

1255—Dwarf, Blotched and Striped. Each plant forms a complete bush 5 to 8 inches high, covered with cherry-red flowers marked with a pure white star; a remarkably pretty plant. Pkt. 10c.

1256—Blotched and Striped. Flowers with star-shaped blotches of symmetrical form; fine for bedding and window boxes. Pkt., 5c.; ½ oz., 20c.



"VAUGHAN'S BEST" LARGE-FLOWERING SINGLE PETUNIA.

1257—White. Suitable for cemetery. Pkt., 5c.; ½ oz., 20c.

1258—"Snowball." For an everblooming white flower, suitable for beds and borders, we think this new Petunia has few equals. The flowers are purest snow-white, of good shape and size, sweet-scented and lasting. This plant is eminently adapted to our climate, on account of its heat resisting qualities. We recommend it. Pkt. (250 seeds), 10c.

1259—Petunia, Finest Mixed. A choice strain, including many of the large flowering varieties. Pkt., 10c.; ½ oz., 35c.

1260—Petunia, Good Mixed. Many colors. Pkt., 5c.; ½ oz., 20c.

1261—Large-Flowering Single Petunias. In extra choice mixture. Pkt. (120 seeds), 15c.; 2 for 25c.

1262—Large-Flowering Fringed Sorts. (*Fimbriata*.) A superb strain of elegant, finely fringed flowers, measuring over 4 inches in diameter, remarkable brilliancy and variety of color. Pkt. (175 seeds), 20c.

1263—Collection of Large-Flowering Petunias. 12 sorts, 75c.

1264—Collection of Large-Flowering Petunias. 6 sorts, 45c.

### PETUNIA GIANTS OF CALIFORNIA.

1265—These Petunias have been widely advertised of late and we found them on a visit at the originators to be remarkably fine. The flowers are very large and the colors embrace every conceivable shade of crimson, white, violet, lavender, etc. Pkt. (200 seeds), 15c.; 2 for 25c.

### DOUBLE PETUNIAS.

1270—Vaughan's Mixture of Double Petunias. This is a mixture of the best large-flowering and fringed double Petunias. Seed is saved from plants grown in pots, carefully hand fertilized and will produce grand flowers. Of course everyone knows that only a certain percentage of double flowers may be expected from seed, but our mixture will produce from 20 to 30 per cent. of doubles, while the remainder will be choice, large, single flowers. Pkt. (200 seeds), 30c.

1271—Double Pure White. (*Lady of the Lake*.) Pkt. (200 seeds), 50c.

1272—Double Liliput. Covered with double flowers, spotted, blotched and self-colored. The plants grow low and bushy. Pkt. (250 seeds), 25c.

1273—Collection of Double Fringed Petunias, 6 varieties, 60c.

1274—Collection of Double Fringed Petunias, 12 varieties, \$1.00.

### "VAUGHAN'S BEST" MIXTURE OF LARGE FLOWERING PETUNIAS.

1266—This mixture is made by ourselves and includes, besides the Giant Ruffled, the Giant Emperor and the California Giants, all the colors of the Large-Flowering and Fringed sorts and the unsurpassed Superbissima varieties, with their delicately veined throats in various colors, and their truly mammoth flowers. We are positive that no other Petunia mixture can produce flowers with as wide a range of colors as "VAUGHAN'S BEST." Pkt. 25c.; 3 pkts. for 60c.



## VAUGHAN'S PHLOX

The Phloxes are certainly amongst the showiest and most easily managed of all hardy annuals. They grow well in almost any garden soil, and from June until October maintain an endless display of brilliant and varied colored flowers. A fine effect is obtained by planting the beds with different colors so they harmonize. The plants will be more bushy and cover the bed better if pinched back while small. They are of easy culture, but do best in a rich soil. For early plants, seed should be sown in boxes in the house, or sown in the open ground as soon as the weather will permit. When two or three inches high they should be transplanted five or six inches apart, where they are to grow.

**PHLOX DRUMMONDI.** 1280—Many colors mixed.  $\frac{1}{2}$  oz., 15c.; pkt. (150 seeds), 5c.  
1281—Collection of 6 distinct colors, 20c.  
1282—Collection of 12 distinct colors, 40c.

### LARGE-FLOWERING PHLOX.

The large-flowering kinds are a decided improvement on the Drummond, producing flowers twice the size of the latter, in the most brilliant colors imaginable.

1283—Alba. Pure white, extra large.  
1284—Intense Scarlet.  
1285—Rosy Carmine. White eye.  
1286—Rosea. Pink, white eye.  
1287—Vivid Crimson. Large white eye.  
1288—Large Yellow. A very fine color; quite novel and distinct; fine flower.  
1289—Scarlet Striped. A beautiful sort.

1290—Black Brown. The darkest of all.  
1291—Stellata Splendens. This variety resembles the Splendens, with the addition of a clearly defined white star, contrasting strikingly with the vivid crimson of the flowers.  
1292—Alba Oculata. Pure white, claret eye.

Any of above, per  $\frac{1}{2}$  oz., 25c.; per pkt. (100 seeds), 5c.; any 6 for 25c.

1293—Large Flowering Phlox in Splendid Mixture. Includes all the above and many other shades and colors. Oz., 75c.;  $\frac{1}{2}$  oz., 25c.; pkt. (250 seeds), 10c.  
1294—Imported collection of 6 colors, 25c. | 1295—Imported collection of 12 colors, 50c.

### STARRED AND FRINGED PHLOX.

These are the most distinct and striking Phlox we have. The flowers have a most distinct and star-like appearance, their attractiveness being greatly enhanced by the broad, white margins which border the edges of the petals.

1297—Starred and Fringed. Mixed. Pkt. (150 seeds), 10c.;  $\frac{1}{2}$  oz., 20c.  
1298—Star of Quedlinburg. Star Phlox, extra choice mixed. Pkt. (150 seeds), 5c.

### LARGE-FLOWERING DWARF PHLOX.

In this new type we have the happy medium, combining the size of the individual flower and head of the finest Grandifloras with the dwarf, compact growth of the Nana Compacta sorts; altogether a perfect combination, and one that will recommend itself to all who wish bright, cheerful beds or borders for the longest possible time with the least trouble. (See cut.) We offer three fine, distinct colors as well as in mixture:

1299—Brilliant Rose. Per pkt., 10c. | 1301—Fiery Scarlet. Per pkt., 10c.  
1300—Pure White. Per pkt., 10c. | 1302—Finest Mixed Colors. Per pkt., 10c.

One packet each of the 3 colors for 25c.

### DOUBLE-FLOWERING PHLOX.

A very desirable class. Flowers are double and semi-double, and last much longer than those of the single Phlox. The white is especially valuable as a cut-flower. We are sure our customers will be greatly pleased with these and we recommend them.

1303—Double White. 1305—Double Yellow. } Each, per pkt., 10c.  
1304—Double Scarlet. 1306—Double Mixed.

### DWARF PHLOX. (*Phlox Drummondii Nana Compacta*.)

These are much superior to the other Phloxes for ribbon bedding or border. The plants grow very symmetrical in neat little bushes, about 8 inches high, covered with flowers during the whole Summer and Fall, as large as those of the Drummond and as easy to grow.

1307—P. Snowball. Flowers pure white; the plants resemble large snowballs when in full bloom. Pkt., 10c.; 3 pkts. for 20c.; per  $\frac{1}{2}$  oz., 35c.  
1308—Fireball. Glowing, brilliant scarlet. Pkt., 10c.; 3 pkts. for 20c.; per  $\frac{1}{2}$  oz., 35c.  
1309—Snowball and Fireball. One pkt. each for 15c.  
1310—Dwarf Phlox in Mixture. Ten colors in choicest mixture. Pkt., 10c.;  $\frac{1}{2}$  oz., 30c.  
1314—Hardy Phlox. (*Phlox Decussata*.) These rank amongst the finest herbaceous plants for beds or borders. Mixture of finest sorts. Pkt., 10c.

### VAUGHAN'S SPECIAL PHLOX MIXTURE.

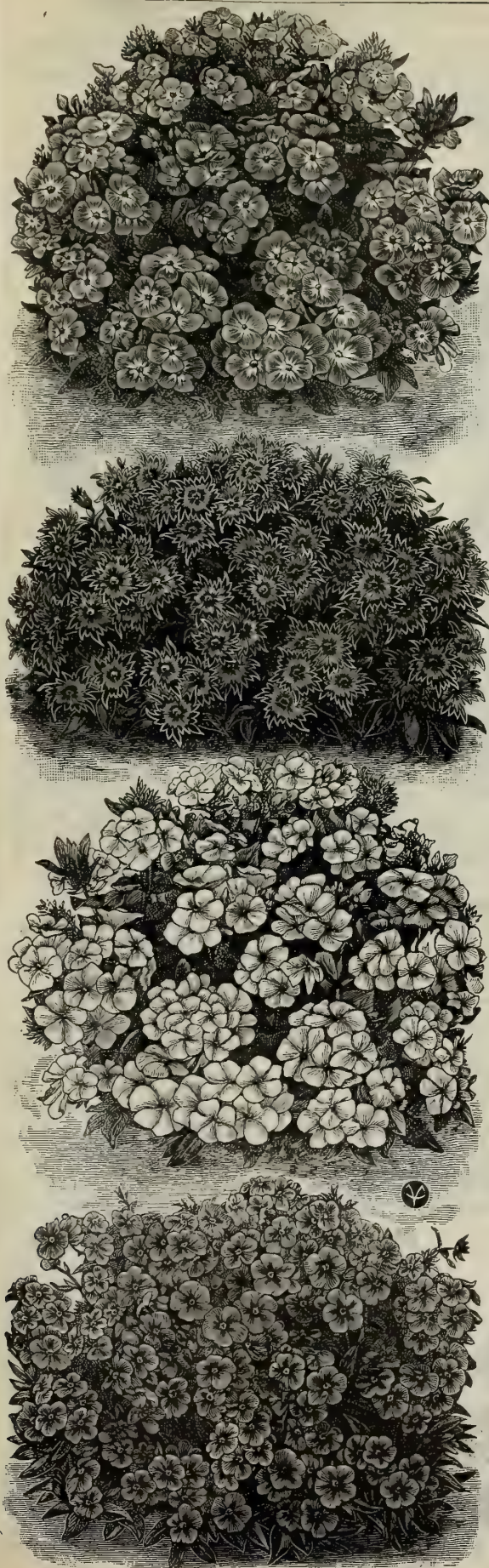
1313—Contains all the above varieties and several other strains only to be had in this mixture, and will delight and astonish all with its extensive variety of colors. Over 30 different shades will be produced from a single package. A bed of Phlox Drummondii in assorted colors makes a grand display all Summer. The most liberal offer ever made. Pkt. (250 seeds), 15c.; extra large pkt. (500 seeds), 25c.;  $\frac{1}{2}$  oz., 35c.

### PASSION FLOWER, "Southern Beauty."

1250—One of the prettiest of all flowers and climbing plants. Will grow perfectly all over the United States. For the window it is splendid, and out of doors it will run up a trellis 20 feet, covered with beautiful blooms, 4 to 5 inches across, which are delightfully sweet. The color is peculiar, of blue, white, pink and red. The plant will remain in the ground if protected in the Winter, and bloom every season for years. Every gardener in the country should have one. If sown early the plants will bloom all Summer. Pkt. (20 seeds), 10c.; 3 for 25c.

### PASSIFLORA GRACILIS.

1251—This "Fairy Passion Vine" is a charming annual; it has pretty light green leaves, and is a very dainty and graceful thing for hanging baskets, pots or trellises; will grow to a height of 10 to 15 feet out of doors; the flowers are white, followed by seed-fruits, at first light green shaded white; when ripe they turn bright shining red and burst open, disclosing fiery scarlet seeds, the entire plant becoming covered with these fruits. The effect is very pretty indeed. Pkt., 10c.





# POPPIES



**ICELAND POPPIES.**

**1325**—These Poppies produce flowers the first year from seed. The colors range from the purest white to the deepest orange scarlet, and have a delicious fragrance. For vase or house decorations they rank among the loveliest. Mixed colors. Pkt., 10c.;  $\frac{1}{4}$  oz., 20c.

## ICELAND POPPIES. In Separate Colors.

**1326**—Yellow. **1327**—White. **1328**—Orange-Scarlet. Each, pkt., 10c.; any 3 for 25c.

**1329**—Double Iceland Poppies. Mixed. Pkt., 15c.; 2 pkts., 25c.

**1330**—The Tulip Poppy. The perfect and striking flowers are intensely vivid in color; the two outer petals form a tulip cup, after a time deep black spots appear at the base of each petal. The glowing scarlet of the large flowers is such that the eye cannot bear its glare when the sun is shining on it. Pkt., 10c.;  $\frac{1}{4}$  oz., 20c.

## New Poppy, Dwarf Shirley.

**1331**—Charming dwarf varieties of the universally esteemed Shirley Poppy. The seedlings grow into bushy little plants about 18 in. high, and all ablaze with innumerable flowers of rose, chamois, scarlet and salmon, some having a distinct light bordering to the petals, all with yellow stamens and all thrown well up above the foliage. In this dwarf form the Shirley Poppy can be used not only for groups but also for edgings and for pot culture. We warmly recommend this beautiful novelty. Large pkt., 10c.;  $\frac{1}{2}$  oz., 25c.

## New Poppy, Single Pæony-

### Flowered, Miss Sherwood.

**1332**—Sturdy plants  $2\frac{1}{2}$  feet high with noble foliage, bear in profusion large, single flowers of a shining, satiny white, the upper half of the corolla being a silky chamois rose. This is a combination of color quite virginial in its delicacy. Large pkt., 10c.;  $\frac{1}{2}$  oz., 20c.

## Single Poppies



**Shirley, Silk or Ghost Poppy.**

**1336**—The Shirley Poppy is not new, but the stock we here offer will be a revelation to all lovers of the beautiful. Our strain is one of superlative excellence, and many beautiful new forms will be found in it. They are especially strong in shades of terracotta and combinations of this with pink and scarlet. If gathered early in the morning while the dew is still on them, and before the rays of the hot sun have affected them, and placed in water, they will last in all their beauty for forty-eight hours. Price, per pkt., 10c.;  $\frac{1}{4}$  oz., 20c.

**1335**—Vaughan's "Special Mixture" of Single Poppies. Includes the Iceland, Shirley and Oriental Poppies, besides a great many others. Pkt., 10c.; 3 for 25c.

## Double Poppies

**1340**—"White Swan." One of the most effective and valuable Poppies. The plants are about 18 in. high, grow in very pretty bush form, crowned with flowers of enormous size, perfect form, very double and the purest snow white. Its flowering period is longer than that of other Poppies. We specially recommend this sort. Price, 10c.; 3 for 20c.

**1341**—Double Yellow. This rare new color will be hailed with delight by all. Pkt., 5c.

**1342**—Golden Gate. Exceedingly free blooming, the flowers single, semi-double and double, of medium size and largest variety of colors. Pkt., 5c.



**New Oriental Hybrid Poppies.**

**1337**—For brilliancy of colors there is nothing to equal these Oriental Poppies. The flowers are of enormous size, often measuring over 6 inches in diameter, while the colors range from soft flesh and rose to the most brilliant, dazzling scarlet and richest maroon purple. Their culture is as simple as that of the garden Poppies. They are perfectly hardy perennials, living through our Winters with but little protection and increasing in size and beauty from year to year. Pkt., 10c.

**1343**—Double Carnation Flowered. Of large size and a variety of colors.  $\frac{1}{2}$  oz., 10c.; pkt., 5c.

**1344**—Pæony Flowered. Flowers in size and colors equal to Pæonies; mixed. Pkt., 5c.; oz., 15c.

**1345**—Double French Mixed. Pkt., 5c.

**1347**—Double Dannebrog. Flower of a deep red; petals marked at base with white blotch. Pkt., 5c.

**1348**—Fairy Blush. The flowers have the effect of a large, white, feathery ball, overcast with a rosy shade. Pkt., 5c.

**1350**—Mixture of All the Above Double Poppies. Pkt., 5c.;  $\frac{1}{2}$  oz., 10c.; oz., 15c.

## VAUGHAN'S SPECIAL POPPY MIXTURE.

**1355**—Comprises not only all the Double and Single Poppies described, but also a number of other sorts specially purchased for this mixture, including some entirely new ones. Will make a grand display. Price, per oz., 30c.;  $\frac{1}{2}$  oz., 20c.; Pkt. (500 seeds), 10c.; 3 for 20c.

## Portulacca, Rose Moss

This plant will grow and bloom profusely in a dry, hot situation, where almost any other plant would soon die. It is the easiest plant to transplant, and can be taken up and set out when in bloom without being injured. It is a very pretty annual, and blooms till frost.

**1360**—Large Flowering Single Portulacca. Small trailing plants which bear brilliant, beautiful and delicate flowers; whether used in baskets, beds or edgings, their splendid flowers, produced in great profusion, are very effective; succeeds best in light, sandy soil, and wants to be exposed to the full glare of the sun. Many colors mixed. Pkt. (300 seeds), 5c.;  $\frac{1}{4}$  oz., 20c.; oz., 60c.

**1361**—Collection of 8 Colors, Single Portulacca. 25c.

**1366**—Double White. Pkt., 10c.

**1367**—Double Yellow. Pkt., 10c.

**1368**—Double Pink. Pkt., 10c.

**1369**—Double Scarlet. Pkt., 10c.

**1370**—Double, Best Mixed. Choice double flowers. Pkt., 10c.;  $\frac{1}{4}$  oz., 75c.

**1371**—Double, Good Mixed. Pkt., 5c.

**1372**—Double, Collection of 6 Colors. 35c.



DOUBLE PORTULACCA, OR ROSE MOSS.



## PRIMULA OBCONICA.

New Large Flowering Hybrids. An Ever-Blooming Primrose.

**1376**—This is one of the most useful flowering plants. If sown early in Spring the seedlings will commence to bloom in May or June and continue to flower throughout the whole year. The flowers are of a soft lilac, pink, rose, lavender or crimson and very charming. It is one of the most useful Primulas for pot culture, and also succeeds well in the open border during the Summer months. The new large flowering Hybrids are an improvement on the old type in size of flowers, which are about double their size and are borne on stiffer stems well above the foliage, and they also show a marked improvement in colors. Pkt. (100 seeds), 10c.

**1377**—Primula Obconica. Pkt. (100 seeds), 5c.

## PRIMULA FORBESI. The "Baby Primrose."

Blooms in three months from seed and all the time.

**1378**—This is unquestionably one of the prettiest pot plants. It begins to bloom in three months after sowing and continues to produce flowers for ten months in succession. The flowers are very graceful, not quite half an inch across and are of a most pleasing lavender with a yellow eye. They are borne on erect stems 10 to 12 inches high in tiers, and remain fresh for over a week after being cut, new buds opening every day. The plant is a vigorous grower, thrives in the shade or sunshine, even in a cool house. Pkt. (100 seeds), 10c.

## RUDBECKIA BICOLOR SUPERBA SEMIPLANA.

**1406**—This novelty represents semi-double or nearly double flowering varieties of the Rudbeckia bicolor superba. The plants form elegant bushes of 2 to 2½ feet in height, covered with large, semi-double, golden yellow to brownish yellow flowers, which have a central dark brown ring and disk. As concerns size and form of the flowers, they closely resemble those of the double flowering Zinnias and are on account of their long stems very useful for cutting purposes. Pkt., 15c.

## RUDBECKIA BICOLOR SUPERBA.

**1407**—This new annual variety represents a very welcome addition to the collection of these popular annual and perennial plants so extensively used for cut flowers at present. Growing about 2 feet in height, it forms a many branched, dense bush, and produces its long stemmed flowers in the greatest abundance. The disk is brown, the ray florets are yellow with large velvety-brown spots at the base. Large pkt., 10c.



New "EMPEROR"  
SALPIGLOSSIS.

**1410**—Ease of culture is the first quality that commends the Salpiglossis to all amateur gardeners. It thrives in any good garden soil and in almost any situation, though, like other flowers, it responds readily to good treatment. The New Emperor strain is a very great improvement on the older type in its increased size of flowers, their improved shape and larger variety of colors, and more than all else in their singularly beautiful veining of gold. These are the only flowers, to our knowledge, that show a glint of gold in their coloring. Pkt. (250 seeds), 10c.

**1411**—Salpiglossis. Large flowering sorts in splendid mixture. Pkt., 5c.; ¼ oz., 20c.

SALPIGLOSSIS are natives of Chili and were introduced in 1824. Seeds may be sown early in boxes, but do very well sown out of doors if the soil is light. The plants grow about two feet high, and the blossoms are about the size of those of the Petunia. The colors are very brilliant, the petals of velvety texture and very delicately and beautifully penciled and veined. These plants stand the sun well, and bloom abundantly from July till Autumn. Some of the colors are scarlet, purple, lilac, blue, yellowish-brown, very dark red and bronze.



TYPES OF VAUGHAN'S INTERNATIONAL  
CHINESE PRIMROSES.

## Vaughan's International CHINESE PRIMROSE MIXTURE.

**1380**—The culture of these lovely flowers is much easier than most people think. Every one can have a nice collection of them by following the cultural directions printed on each package. Our mixture includes not only all the choicest colors of the single flowering Primulas in all their dainty shades, but it comprises also seed saved from hybridized flowers and will produce a number of double flowers and the new blue Primula. Our illustration shows a plant (reproduction from a photograph) showing freedom of bloom and habit of growth. Price, per pkt. (100 seeds), 15c.; 2 for 25c.

## CHINESE PRIMROSES.

Separate Colors.

**1381**—Pure White. **1382**—Pink. **1383**—Peach Blossom. **1384**—Chiswick Red. **1385**—Mauve. **1386**—Striped. Each, per pkt. (50 seeds), 10c.

**1387**—Chinese Primroses. A very good mixture. Pkt. (50 seeds), 5c.

Chinese Primrose.—One cannot say too much in praise of the Chinese Primrose. It will stand more neglect and give in return more blossoms than any plant I know, and will also respond to good care with more and larger blooms.

Mrs. Geo. McL.

Santa Clara Co., Cal.

## PYRETHRUM. (Feverfew.)

**1404**—P. Aureum. (Golden Feather.) Pkt., 5c.; ¼ oz., 20c. **1405**—Selaginoides. Fern-leaved. 5c.

## NEW GIANT PYRETHRUMS. Pyrethrum Roseum Hyb. Grandiflorum.

**1400**—The flowers of this new strain grow to the enormous size of 12 inches in circumference and present all the beautiful variations of color between light pink, rose and deep carmine. They are splendid cut flowers and equally valuable in borders. The plants are perfectly hardy and increase in size from year to year. Pkt., 20c.; 3 for 50c.

## Pyrethrums, New Double Flowering Hybrids.

**1401**—The seed we offer is saved from the best English collection and can be expected to produce grand flowers in greatest variety of colors. Pkt., 35c.

## SALVIA.

### Flowering Sage.

**1419**—Salvia, Clara Bedman. (Bonfire.) The plants form handsome globular bushes about 2 feet in diameter. The spikes grow erect and stand clear above the foliage, completely covering the plant and are of a most brilliant dazzling scarlet. Per ½ oz., 50c.; pkt., 10c.

**1420**—Splendens. Large flowering Scarlet Sage. Pkt., 5c.

**1421**—Patens. The purest and brightest blue of all. Pkt., 10c.

**1422**—Argentea. Silver white foliage. Pkt., 5c.

A hedge of these Salvias is a beautiful sight to behold. They are a blaze of color during the whole Summer and Fall.

**1430**—Sanvitalia. Dwarf trailing plants with double bright golden yellow flowers. Pkt., 5c.



## New Salvia Splendens, Drooping Spikes.

**1415**—This new, large flowering Salvia (Scarlet Sage), has three times the flowering capacity on each spike of the ordinary Salvia Splendens. The flowers are produced in great numbers, causing the spikes to droop by their weight. It is one of the most desirable plants for decorative purposes if planted either singly, in groups or with other plants. The flowers are of the most brilliant, dazzling scarlet, produced in endless profusion and until late in the Fall. Pkt. (75 seeds), 10c.; 3 for 25c.; ¼ oz., 40c.

## SALVIA SPLENDENS "SILVERSPOT."

**1416**—The leaves are rich, soft dark green with light sulphur or cream colored spots of various size liberally sprinkled over them. A charming variety of great effect. Pkt., 10c.

## GOLDEN-LEAVED SALVIA.

**1418**—One of the most brilliant and attractive plants. Habit, compact, short-jointed and branching, with an abundance of foliage, which is of a fine yellow shade, hardly a trace of green about it. The scarlet flowers are of exceptional brilliancy, far more brilliant than the common Salvia Splendens. The color of the foliage is constant, and its color is perhaps intensified by heat. Pkt. (100 seeds), 10c.; 3 for 25c.

**1418a**—NEW SALVIAS MIXED. Above three kinds, pkt. (150 seeds), 15c.





### SCABIOSA, OR MOURNING BRIDE.

Elegant cut flowers, keep long, are very handsome and the colors are exceedingly fine; some flowers are almost black.

#### The Snowball Scabiosa.

**1435.** The flowers of this pretty new Scabiosa are large, measuring nearly 2 inches in diameter, of purest white and very double. The stems are very long and the foliage luxuriant. This plant comes quite true from seed and is sure to be liked for vases and bouquets. Pkt., 10c.; 3 for 20c.

**1436—Golden Yellow.** The color has long been desired in the Scabiosa family and is now obtained after years of selections. The flowers are double, of a fine pure yellow color and are charming for bouquets. The plants are semi-dwarf and very free-blooming. Pkt., 5c.

**1437—Black Prince.** The flowers are very large and double and nearly black, a beautiful color, very effective as a bunch in a vase. Pkt., 5c.

**1438—Double Blood-Red.** A very striking color. Pkt., 5c.

**1439—Special Offer.** One pkt. each of the above 4 colors for 20c.

**1450—Large Flowering Scabiosa.** Flowers average 3 inches across, very double; valuable for bouquets. Many colors mixed. Pkt., 5c.; ½ oz., 15c.

**1451—S. Caucasica.** A beautiful hardy perennial; flowers soft lavender. Pkt., 10c.

### Schizanthus, or Butterfly-Flower.

**1445—**An easily grown plant, bearing quantities of gay, butterfly-like flowers, beautifully marked and spotted. The plants are such profuse bloomers, that each branch looks like an immense panicle of lovely blossoms and closely resembling some species of Orchids. For Winter blooming in pots the Schizanthus is one of the most desirable of all flowers. Plants from seed sown in November will be full of bloom from January to May. Pkt., 5c.

**1446—Sedum.** (Stone Crop.) Blue. Pkt., 5c.

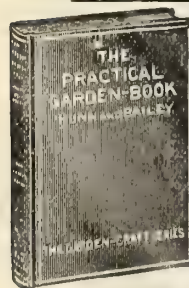
**1447—Sensitive Plant.** Pkt., 5c.

### Sidalcea Malveafolia.

**1448—**A very handsome hardy perennial, blooming the first season from seed. The plant grows 2 to 3 ft., with flowers resembling graceful miniature hollyhocks, in color deep pink to almost white. It is a native of California. Our seed is from selected large-flowering hand-some varieties. Per pkt., 10c.

**1450a—Solanum, Jerusalem Cherry.** Easily grown plants with ornamental fruit. Especially fine for pots and last a long time in beauty. The fruit is about the size and color of a cherry. The plants can be grown out of doors and then be potted up in September for house use. Of easiest culture. Pkt., 5c.

### The Practical Garden Book.



By C. E. Hunn, Gardener to the Horticultural Department of Cornell University, and L. H. Bailey.

Second Edition—250 pages—Many marginal cuts—\$1.00. Our special price, 65c.; by mail, 70c. This is the book for the busy man or woman who wants the most direct, practical information as to just how to plant, prune, train, and to care for all the common flowers, fruits, vegetables, or ornamental bushes and trees. It has articles on the making of lawns, borders, spraying, fertilizers, manures, lists of plants for particular purposes, hot-beds, window-gardening, etc. It is all arranged alphabetically like a miniature cyclopedia.



LARGE FLOWERING TEN WEEKS STOCKS.

### STOCK S. (Levkoyen.)

These are among the finest annuals when well grown. They grow from 10 to 18 inches high and of very compact form. The seed will germinate in from 3 to 5 days and the plants commence to bloom in about 10 weeks from the time of planting, and continue until killed by frost. Give good rich soil and good cultivation or most of the flowers will come single. In warm climates it does best if given a shady location where the noonday sun will not strike. They are very thirsty plants and must be watered in dry weather. They produce blossoms in all shades of crimson, rose, lilac and white, and yield a delicious odor. Nothing is prettier than some of these Stocks for window plants in Winter as they will bloom continually.

#### Large Flowering Ten Weeks Stocks.

- |                             |                            |
|-----------------------------|----------------------------|
| <b>1456—Pure White.</b>     | <b>1459—Crimson.</b>       |
| <b>1457—Brilliant Rose.</b> | <b>1460—Purple.</b>        |
| <b>1458—Light Blue.</b>     | <b>1461—Canary Yellow.</b> |
- Any of above, per pkt., 10c.; any 3 for 25c.
- 1462—Large Flowering.** Best Mixed, 10c.  
**1463—Fine Mixed.** Pkt., 5c.  
**1464—Imported Collection.** 12 colors, 60c.  
**1465—Imported Collection.** 6 colors, 30c.

### Giant Perfection Stock.

This sort produces plants 2½ feet high, with long flower spikes of handsome double flowers.

- 1466—Choicest Mixed.** Pkt., 10c.  
**1467—Collection of 6 Colors.** 50c.  
**1468—White Perfection, or "Cut and Come Again."** This variety is almost a perpetual bloomer, about 18 inches high, branches freely. Flowers are of the purest white, very large, and carried on stems 3 in. long. Pkt., 10c.  
**1469—Fire Flame.** Ever-blooming, resembling red garnet flame. Pkt., 10c.  
**1470—Forsing Stock, Snow Flake.** The earliest White Ten Weeks Stock. Flowers extremely double and snow white. Pkt., 15c.  
**1475—Vaughan's Special" Mixture of Ten Weeks Stocks.** Includes all the above sorts, and some novelties not listed here. Pkt., 15c.; 2 for 25c.

### BOSTON SMILAX.

**1450A** A very pretty and easily grown pot plant for the house. A little plant obtained in the Spring, and given plenty of root room in a rich compost, will become a handsome plant in late Autumn, covering a pot-trellis with its elegant green sprays. In developing the first sprouts make a dwarf growth, but each succeeding shoot is stronger and more vigorous, until six feet or more are reached, when given string support. It grows readily from seed, which, however, should be soaked for 24 hours (in hot water) before sowing. Pkt., 5c.

**1453—Stevia Seratta.** Very pretty perennials. Flowers white star-shaped, leaves fragrant. Pkt., 5c.



### SUNFLOWERS.

#### New Hybrid Sunflowers, "Cut and Come Again."

*Helianthus Cucumerifolius.* New Types.

These improved, branching single Sunflowers are becoming exceedingly popular for display in the garden and for cut flowers. The plants form many branched pyramidal bushes 3 to 4 ft. high, bearing from base to summit a continuous succession of flowers from June until frost. The perfectly formed single flowers, 3 to 4 inches across, are borne on long stems. They are easily grown, commencing to flower in a few weeks from seed.

**1480—White Star.** Almost pure white with black eye. Pkt., 10c.

**1481—Sirius.** Lemon-yellow with dark centre. Pkt., 10c.

**1482—Mars.** Intense golden yellow with dark eye. Pkt., 10c.

**1483—Mixed "Cut and Come Again" Sunflowers.** All colors and new types. Pkt., 10c.; oz., 20c.

#### New Double White Sunflower.

*Helianthus Cucumerifolius, Albus Pl.*

**1484—**The nearly pure white color of this sterling novelty is conserved not only in the half-double flowers (*semplenus*), but also in the extra-double flowers (*plenissimus*), so that the Miniature Sunflowers are at the same time enriched by a new form and new color. Pkt., 10c.; 3 for 25c.

**1485—Many-Flowered Double Sunflower.** This is a most useful and ornamental plant. It grows about 4 ft. high and produces a large double flower on the top of the stalk and one on each leaf joint, which latter are borne on a short stem. The flowers are perfectly double and produce a very large amount of seed which makes excellent chicken feed. Pkt., 5c.; oz., 10c.; ¼ lb., 30c.; lb., \$1.00.

**1486—Ever-blooming Miniature Sunflower, "Stella."** The flowers are 2½ to 3 in. across, single; are borne on long stems and of purest golden yellow with black disk. It is a splendid flower for cutting and equally as valuable for flower groups or as a solitary plant on the lawn. Per pkt. (50 seeds), 5c.; ½ oz., 15c.

**1488—New Miniature Sunflower, "Orion."** Similar in growth to Sunflower Stella, but differs from it in having twisted or fluted petals, similar to those of the Cactus Dahlias, that gives it a remarkably graceful appearance. A very useful plant for large groups and beds, also a first-class plant where cut-flowers are in demand. Pkt., 10c.; 3 for 25c.

**1490—Californian Fl. Pl.** Extra large and very double. Pkt., 5c.; oz., 10c.

**1491—Double Dwarf.** Grows about 2½ ft. high; flowers very double, rich golden yellow. Pkt., 5c.

**1492—Globosus Fistulosus.** Flowers immense, from 12 to 15 in. in diameter. Globular and extremely double; the most effective of all annual Sunflowers. Oz., 10c.; pkt., 5c.

**1493—Mammoth Russian.** Of gigantic dimensions, both flowers and stalk. Oz., 5c.

**1495—Mixture of Many Double Varieties.** Oz., 15c.; pkt., 5c.

**1496—Vaughan's Special Sunflower Mixture.** All sorts mixed in proportion. Pkt., 10c.





## New Dwarf, or Cupid Sweet Peas

PRICE: Any of the following, pkt., 5c., oz., 10c.; 2 ozs., 15c.; ¼ lb., 25c.

1635—**Royalty Cupid.** One of the very finest self-colored pinks.

1636—**Captain of the Blues Cupid.** Reddish-purple tint heavily suffused with violet.

1637—**Stella Morse Cupid.** Rich, creamy buff, tinted with apricot.

1638—**Apple Blossom Cupid.** Deep rose on a silvery ground, deeper in the center.

1639—**White Cupid.** Pure white.

1640—**Pink Cupid.** Growing from six to eight inches high, handsome large flowers, all borne close to the end of the stem.

1641—**Beauty Cupid.** Delicate rose-color whitening towards the edges.

1642—**Alice Eckford Cupid.** The standards are rich creamy white suffused with flesh pink; the wings are silver-white with a faint pink flush in the center.

1643—**Primrose Cupid.** The flowers are of a rich creamy tint.

1644—**Boreatton Cupid.** Wings deep mauve; standards rich wine-brown.

1645—**Countess of Radnor Cupid.** Color clear lavender.

1646—**Firefly Cupid.** Flowers brilliant scarlet.

### 12 CUPIDS 12

1647—1 pkt. each of the above 12 Cupids for 25c.  
1648—1 oz. " " " " " " " " 50c.  
1649—CUPID SWEET PEAS, Mixed, all the above 12 kinds, Pkt., 5c.; oz., 10c., ¼ lb., 20c.; lb., 60c.



## Double Sweet Peas.

It has been a difficult task by hybridization and selection to change the habit of the Sweet Pea to the double form, and much remains to be done; but each year finds us nearer. The result at best is really semi-double flowers. The best varieties we have will not produce more than half doubles, the others remaining of the usual single type. Per pkt., 5c.; oz., 10c.; ¼ lb., 20c.

1608—**Apple Blossom.** Rose and blush.

1609—**Captain of the Blues.** Blue.

1610—**White.** Pure white.

1611—**Lottie Eckford.** White, blue edge.

1612—**Butterfly.** White and lavender.

1613—**Boreatton.** Deep maroon.

1615—**Duke of Clarence.** Claret.

1616—**Senator.** Chocolate stripes on white.

1617—**Bride of Niagara.** The lower parts of the flower are white, while the upper parts, the banners, are clear rose.

1618—**Double Sweet Peas, Mixed.** All above kinds. Pkt., 5c.; oz., 10c.; ¼ lb., 20c.; lb., 65c.

### SPECIAL OFFER, No. 146.

One pkt. each of above 9 for.....20c.

### SPECIAL OFFER, No. 147.

One oz. each of above 9 for.....40c.

# SWEET PEAS

The following list contains all the varieties of Sweet Peas we carry, including novelties.

We have discarded many of the older kinds, which were displaced by newer and better sorts.

Price, per packet, 5 cents, except where noted; any three 5-cent packets 10 cents; any 7 for 20 cents; any three 10-cent ounces for 20 cents; any 7 ounces for 40 cents.

	oz.	¼ lb.	lb.
1500— <b>Admiration.</b> See novelties.....			
1501— <b>America.</b> See novelties.....			
1502— <b>Apple Blossom.</b> Bright rose and pink.....	\$0.10	\$0.15	\$0.50
1503— <b>Aurora.</b> See novelties.....			
1504— <b>Black Knight.</b> The darkest in color of all Sweet Peas.....	10	20	60
1505— <b>Blanche Burpee.</b> Very large, pure white.....	10	15	50
1506— <b>Blanche Ferry.</b> Pink and white, early.....	06	12	45
1507— <b>Blanche Ferry, extra early.</b> Of greatest value for cut flowers, being 10 days earlier, dwarfier and more prolific than the Blanche Ferry. Deep pink, white wings.....	06	12	45
1508— <b>Blushing Beauty.</b> A distinct soft pink, hooded form.....	10	15	50
1512— <b>Butterfly.</b> White, edged with lavender.....	06	12	45
1513— <b>Captain of the Blues.</b> Purplish mauve, almost true blue.....	10	15	50
1514— <b>Cocinea.</b> See novelties.....			
1515— <b>Coquette.</b> Primrose yellow, shaded lavender.....	10	15	50
1516— <b>Countess Cadogan.</b> Bright shining violet, wings sky-blue.....	10	20	60
1518— <b>Countess of Radnor, Improved.</b> Delicate mauve or lavender.....	10	15	50
1519— <b>Crown Jewel.</b> (Peau d'Espagne.) Creamy white, veined rose.....	06	12	45
1520— <b>Crown Princess of Prussia.</b> Flesh and salmon buff.....	06	12	45
1522— <b>Dorothy Tennant.</b> Deep-rosy mauve.....	10	15	50
1523— <b>Duchess of York.</b> White, striped pale pink.....	10	15	50
1524— <b>Duke of Clarence.</b> Brilliant rosy-claret.....	10	15	50
1525— <b>Duke of Westminster.</b> See novelties.....			
1527— <b>Earliest of All.</b> Pink and white.....	10	25	50
1528— <b>Eliza Eckford.</b> Flaked delicate rose, wings blush.....	10	20	50
1529— <b>Emily Eckford.</b> Reddish mauve, wings blue.....	10	15	50
1530— <b>Emily Henderson.</b> A good white, early and free.....	06	12	45
1531— <b>Emily Lynch.</b> Pink and white, very early.....	10	15	50
1532— <b>Fashion.</b> New, soft reddish-lavender, deepening at the base.....	10	25	80
1533— <b>Golden Gate.</b> Pinkish mauve and lavender.....	10	15	50
1534— <b>Gorgeous.</b> Bright orange-pink, shaded rosy-lilac.....	10	30	1 00
1535— <b>Gray Friar.</b> Watered purple on white ground.....	06	15	50
1536— <b>Her Majesty.</b> Large, clear rose-pink; an excellent sort.....	06	12	45
1537— <b>Hon. F. Bouverle.</b> Standard coral pink, wings lighter.....	10	25	90
1537a— <b>Hon. Mrs. E. Kenyon.</b> See novelties.....			
1538— <b>Inconstancy.</b> See novelties.....			
1540— <b>Josephine White.</b> See novelties.....			
1541— <b>Juanita.</b> White, flaked with lavender.....	10	15	50
1542— <b>Katherine Tracy.</b> Bright, soft pink; very good.....	06	12	45
1543— <b>Lady Grisel Hamilton.</b> See novelties.....			
1544— <b>Lady Mary Currie.</b> New; salmon-orange, wings softer and deeper. One of the brightest of all Sweet Peas.....	10	20	60
1547— <b>Lottie Eckford.</b> See novelties.....			
1548— <b>Lottie Hutchins.</b> Flaked pink on cream ground.....	10	20	60
1549— <b>Lovely.</b> A truly lovely shell pink; extra good.....	06	15	50
1550— <b>Maid of Honor.</b> White, edged lavender.....	10	15	50
1551— <b>Mars.</b> Bright, fiery crimson, extra good.....	06	12	45
1552— <b>Majestic.</b> See novelties.....			
1553— <b>Miss Willmott.</b> See novelties.....			
1554— <b>Monarch.</b> Deep purplish maroon.....	10	15	50
1555— <b>Mont Blanc.</b> Earliest white.....			
1556— <b>Mrs. Dugdale.</b> See novelties.....			
1557— <b>Mrs. Eckford.</b> Delicate primrose-yellow.....	10	15	50
1558— <b>Mrs. Jos. Chamberlain.</b> White, striped rose.....	10	15	50
1559— <b>Mrs. Sankey.</b> White, black-seeded.....	10	15	50
1560— <b>Navy Blue.</b> See novelties.....			
1562— <b>Oriental.</b> Rich orange; largest size.....	10	20	60
1563— <b>Othello.</b> See novelties.....			
1564— <b>Ovid.</b> Rose pink, margined deeper rose.....	10	15	50
1565— <b>Pink Friar.</b> See novelties.....			
1566— <b>Prima Donna.</b> See novelties.....			
1567— <b>Prince Edward of York.</b> New; scarlet and rose.....	10	20	60
1568— <b>Prince of Wales.</b> New; bright rose self color, of fine form and substance, having three and four flowers on long stout stems; a very beautiful and unique sort.....	10	30	1 00
1569— <b>Queen Victoria.</b> New; soft yellow, large.....	10	20	65
1570— <b>Ramona.</b> White, splashed pale pink.....	10	15	50
1571— <b>Royal Robe.</b> Delicate pink.....	10	15	50
1572— <b>Royal Rose.</b> New; rich, rosy pink; very fine.....	10	20	60
1573— <b>Sadie Burpee.</b> The new white, extra large flowers.....	10	20	65
1574— <b>Salopian.</b> See novelties.....			
1575— <b>Senator.</b> Chocolate stripes on white ground.....	10	15	50
1576— <b>Sensation.</b> Paper-white with a flesh tinge.....	10	20	60
1577— <b>Shazada.</b> Rich, dark maroon; very attractive.....	10	20	60
1578— <b>Stanley.</b> Dark maroon.....	10	15	50
1579— <b>Stella Morse.</b> See novelties.....			
1580— <b>The Bride.</b> One of the best of all whites.....	10	20	60
1581— <b>Triumph.</b> Bright, orange-pink, shaded rose.....	10	20	60

We strongly advise the planting of Sweet Peas in colors, being much more satisfactory. We can furnish neat wooden painted labels, which are wired and can be fastened to stakes or wire netting, at 20 cents per 100

1590—**Vaughan's Prize Mixture.** See page 42.

1591—**Trial Ground Mixture.** See page 43.

1592—**Eckford Mixture.** This mixture contains over ten varieties, including the novelties of 1900 and other choice varieties. By express, 10 lbs., \$3.50; 5 lbs., \$1.85. By mail, postpaid, lb., 50c.; ¼ lb., 30c.; ½ lb., 15c.; oz., 10c.; pkt., 5c.

1593—**All Colors Mixed.** Also a very good mixture; contains over twenty varieties and will furnish fine flowers all through the season. Price, by express, 10 lbs., \$2.50; 5 lbs., \$1.40. By mail, per lb., 40c.; ¼ lb., 25c.; ½ lb., 15c.; oz., 5c., pkt., 3c.

1594—**Bargain Mixture of Sweet Peas.** We find ourselves with large stocks of some best named kinds, and have taken a few hundred pounds and mixed them. Lb., 30c.; ¼ lb., 12c., by mail, postpaid.

### Sweet Peas—RED, WHITE AND BLUE.

1605—**Special Mixture.** This grand new mixture is composed of **Salopian**, the best red; **Blanche Burpee**, white; **Navy Blue**, the only "true blue" Sweet Pea, and **Countess Cadogan**, a beautiful light blue. Per pkt., 5c.; per oz., 10c.; 2 oz., 15c.; ¼ lb., 25c.; per lb., 75c., postpaid.

1606—One pkt. each of these 4 kinds for 10c.

1607—One ounce each of these 4 kinds for 20c.







### BUSH SWEET PEAS.

The plants are erect, 15 to 18 in. high, forming dense bushes, 15 in. wide.

- 1623—**Bush Blanche Burpee.** White.
- 1624—**Bush Blanche Ferry.** Pink and white.
- 1625—**Bush Gray Friar.** The coloring is of lavender-purple on a silvery-white ground.
- 1626—**Bush Her Majesty.** Rose.
- 1627—**Bush Monarch.** Standard, of a deep claret or wine-brown; wings heavily rolled, rich purple.
- 1628—**Bush Prima Donna.** Delicate pink.
- 1629—**Bush Senator.** Deep purplish maroon, heavily striped on a white ground.
- 1630—**Bush Stella Morse.**
- Any of above Bush Sweet Peas, pkt., 5c.; oz., 10c.; 2 oz., 15c.; ¼ lb., 25c.
- 1631—**Bush Sweet Peas.** All of the above, mixed. Pkt., 5c.; oz., 10c.; 2 ozs., 15c.; ¼ lb., 25c.; lb., 80c.

**SWEET VIOLETS.** 1660—**The Czar.** Large flowering, blue. Pkt., 10c.  
1661—**Blue Sweet Violet.** The old-fashioned sort. Pkt., 5c.

**THUNBERGIA.** 1676—Beautiful trailing plants for hanging baskets and lawn vases. Flower flaring, trumpet shaped, 4 ft. Mixed, all colors. Pkt., 5c.

**TORENIAS.** These are easily started and soon come into bloom, becoming bushy, globular plants 8 or 10 inches high, literally covered with the lovely, richly colored, snap-dragon-like flowers. They are excellent for beds, pots or hanging baskets.

1678—**Fournieri Compacta.** The flowers are of an exquisite blue. The habit of the plant is very graceful and compact, and they are covered with flowers the whole Summer. Pkt., 5c.

1680—**Bailloni.** Deep yellow. Pkt., 5c.

1681—**White Wings.** White, with a light flush of rose at the base of throat. Pkt., 5c.

1682—**Torenia, Mixed.** The above three kinds. Pkt., 10c.

### SWEET WILLIAM.

1664—**Giant Flowered Single.** An improvement on older sorts, both in variety of colors and size of flowers and trusses. The single flowers are often as large as a 25-cent piece, and are simply enormous in comparison with the old-time Sweet William. Pkt. (100 seeds), 10c.; 3 for 25c.

1665—**Giant Flowered Double.** Like the above it is an improvement on the old-fashioned Sweet William, producing umbels of enormous size on stiff stems and in a great variety of shades and colors. The single florets often measure 1 in. in diameter. Pkt. (100 seeds), 10c.; 3 for 25c.

1666—**Special Offer.** One pkt. each Double and Single Giant Sweet William for 15c.

1668—**Single, Many Colors Mixed.** Pkt., 5c.; ¼ oz., 15c.

1669—**Auricula Flowered.** A beautiful mixture of single varieties, showing a distinct eye. Pkt., 5c.; ¼ oz., 15c.

1670—**Double Mixed.** Pkt., 5c.; ¼ oz., 20c.

1671—**Double White.** Pkt., 5c.

1672—**Double Blood Red.** Pkt., 5c.

1673—**Harlequin.** One of the first varieties. The flower clusters are large, while the individual flowers are of various distinct shades. Pkt., 5c.

1674—**Sweet William "Special Mixture."** All the above in one packet. Pkt., 10c.; 3 for 25c.

### VINCA.

Ornamental free-blooming plants; seed must be sown early and then the plants will bloom the first Summer. They can be taken up in the Fall like Chrysanthemums, potted and kept in bloom through the Winter.

1730—**Pink.** 1731—**White with Pink Center.** 1732—**Pure White.** 1733—**Mixed Colors.** Pkt., each, 5c.



NEW GIANT FLOWERED SWEET WILLIAM.



TYPES OF "VAUGHAN'S BEST" VERBENA MIXTURE.

### VERBENAS.

Verbenas are one of our best annuals, and by many people are preferred to the Phlox, Aster or Pansy. Nothing is easier to grow, and the display they give during the Summer is equalled only by the Phlox. Sow them early and they will bloom for you constantly from June until frost time.

1706—**Pink and Carmine Shades.** This new mammoth strain embraces remarkably lovely tints from light and dark rose to deep carmine. The flowers are of exceptionally large size, and are borne in splendid trusses. Pkt., 10c.

1707—**Firefly.** A mammoth Verbena, which comes quite true from seed, and is entirely distinct by its grand trusses of brilliant red flowers with large pure white eye. Pkt., 15c.

1708—**Mammoth White.** This is by far the best and largest of all white Verbenas. Pkt., 10c.

**Special Offer No. 154.** One packet each of above three new Mammoth Verbenas for 25c.

1700—**Verbena White (Sea Foam).** Large and sweet scented. Pkt., 5c.; large pkt., 10c.

1701—**Defiance.** Brilliant scarlet. Pkt., 5c.; large pkt., 10c.

1702—**Striped.** Pkt., 5c.; large pkt., 10c.

1703—**Dark Blue, White Eye.** Pkt., 5c.

1704—**Purple Mantle.** Rich, deep velvety purple, white eye. Pkt., 5c.

1705—**Purple.** Pkt., 5c.

1705a—**Primrose Yellow.** Very pretty. 5c.

### Dwarf Verbena.

This dwarf strain of Verbenas is especially suited for bedding and edging, growing only about 6 in. high, and well branched and covered with flowers, making an even carpet of leaf and blossom.

1737—**Dwarf White.** Pkt., 10c.

1738—**D. Scarlet.** Pkt., 10c.

1739—**D. Mixed.** Pkt., 10c.

1709—**Mayflower.** This is of the same trailing habit as the Arbutus or Mayflower, its branches creeping over the ground and hugging it closely. Its blossoms are of the same shape and about the same size. The new Verbena Mayflower has all these characteristics, with the additional merit of possessing the same lovely and delicate pink and white coloring, making its flowers closely like the Arbutus; and, last, it has the same exquisite fragrance. Pkt. (75 seeds), 10c.; 3 for 25c.

1710—**Mammoth, Mixed.** The individual flowers are all of unusual size and also embrace a wide range of colors; they are of very large size, being frequently larger than a silver quarter; in fact, many are scarcely covered by a silver half-dollar. The colors are varied and embrace all desirable markings. Pkt., 10c.; 3 for 20c.; ¼ oz., 40c.

1711—**Verbena, Extra Choice, Mixed.** ¼ oz., 30c.; pkt., 10c.

1712—**Verbena, Fine Mixed.** ¼ oz., 20c.; pkt., 5c.

### "VAUGHAN'S BEST" MIXTURE OF VERBENAS.

1720—This mixture embraces all that is choice and desirable in Verbenas. It includes the Mammoth Flowered strains of three celebrated Verbena specialists, the beautiful and dazzling Defiance, the New Mammoth Snowball, Purples, Striped and all the Auricula-Flowered varieties with their large umbels of white-eyed flowers, the New Giant Striped, the new "Mayflower," the new Mammoth Reds and Pinks, and Howard's "Royal Splendor" Verbenas. We feel perfectly safe in stating that this mixture of Verbenas will eclipse every other strain offered by any other house, and it will produce flowers that will delight all beholders throughout the whole Summer. Pkt. (125 seeds), 15c.; extra large pkt., 25c.; ¼ oz., 50c.; oz., \$3.00.





DOUBLE WALLFLOWER.

### WALLFLOWER. (Gold Lack.)

Wallflowers should be better known. Their ease of growth, their adaptability for pot culture and outdoor bedding and their peculiarly sweet odor, should win favor. They are easily grown, and last long as cut-flowers.

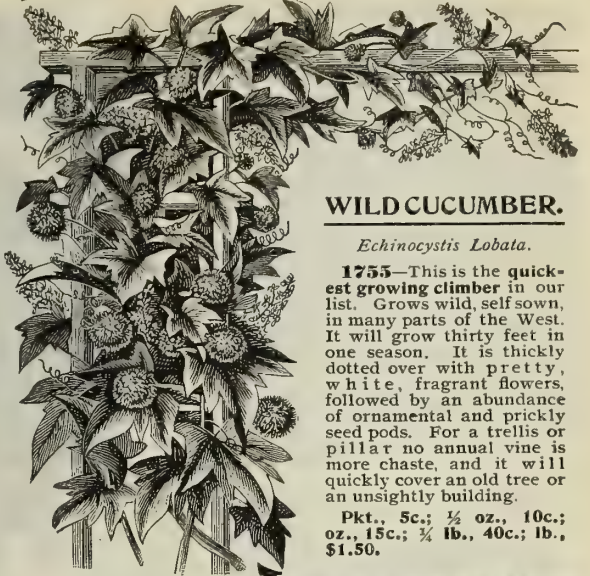
**1750—Eastern Queen.** A decided new shade, a bright salmon-red Pkt., 5c.

**1751—Single.** Mixed. Pkt., 5c.

**1752—Double Sorts.** Extra mixed. Pkt., 10c.

### ANNUAL WALLFLOWER.

**1753—The old English Wallflower** is a favorite everywhere, and it is a regret to the lovers of this flower that it cannot be grown in this country as well as it can in England. This is owing to the fact that it cannot stand our Winters in the open ground. This serious difficulty is overcome in this new strain. Seed sown in the open ground the first of May will commence blooming by the first of July, and if started earlier in the house or in hotbeds, they can be had in profusion from early in June until late Autumn, as they continue blooming through Autumn frosts without injury. The blossoms are of large size and borne in compact, short spikes and are exceedingly sweet scented. The plants are not injured by Fall frosts and bloom until December. Pkt., 10c.; 3 for 25c.



### WILD CUCUMBER.

*Echinocystis Lobata.*

**1755—This is the quickest growing climber** in our list. Grows wild, self sown, in many parts of the West. It will grow thirty feet in one season. It is thickly dotted over with pretty, white, fragrant flowers, followed by an abundance of ornamental and prickly seed pods. For a trellis or pillar no annual vine is more chaste, and it will quickly cover an old tree or an unsightly building.

Pkt., 5c.; ½ oz., 10c.; oz., 15c.; ¼ lb., 40c.; lb., \$1.50.

## ZINNIAS

### New Hybrid Zinnias.

**1801—These new Hybrids,** obtained by crossing the double Mexican Zinnia with the double Darwin sorts, produce flowers of the size of a large Daisy. They are single, semi-double and double, and the colors are in the most unique, pleasing and numerous variations. In it are found shades peculiar to the Marigold, the Gaillardias and Chrysanthemums. They are extremely pretty, very free-flowering, elegant plants that will please everybody. Pkt. 10c.; 3 for 25c.

### Zinnia, Crested and Curled.

**1802—The flowers are large and double,** the petals being twisted and curved into most graceful forms. The range of color is also remarkable, comprising the various shades of red, yellow, pink, as well as many intermediate tints, with some striped and pure white. The plants grow in bushes 2 feet in diameter, and are covered with flowers borne well above the foliage. Pkt. 10c.; 3 for 20c.

**1803—Mixture of Double Large Flowering Zinnias.** Many colors, finest strain. Oz., 25c.; ½ oz., 15c.; pkt., 5c.

**1804—Pure White.** (Snowball.) Pkt., 5c.

**1805—Dwarf Scarlet.** (Fireball.) Pkt., 5 cts.

**1806—Golden Yellow.** Pkt., 5c.

**1807—Double Crimson.** Very double. Pkt., 5c.

**1808—Double Pink.** Pkt., 5c.

**1809—Carnation Striped.** Flowers are of perfect form, double and as finely striped as a Carnation. Pkt., 5c.

**1810—Zinnia Mexicana Fl. Pl.** Dwarf variety, yellow flowers. Pkt., 5c.



### VAUGHAN'S Giant-Flowered.

**1812—This is a mixture of the largest Zinnias yet obtained,** plants being of vigorous growth, about 3 feet high, and very profuse of bloom. The flowers are extremely double and very brilliant in color, showing shades not found in any former collection, while in size they surpass all other Zinnias, often 4 to 5 inches in diameter. It also includes the Mammoth Zebra strain, equal in size to the largest, and striped and marked in scarlet and gold, white and scarlet and other combinations. Pkt., 10c.; 3 for 20c.; ½ oz., 30c.

### Double Pomporé Zinnia.

**1811—A very fine strain,** containing many rich colors and shades. The plants grow about 2 feet high, and the flowers are in size between the Lilliput and the Large Flowering. Very desirable. Pkt., 5c.; ½ oz., 15c.; oz., 25c.



Double Lilliput Zinnia.

**1800—Another "good thing";** don't miss it. This is one of the most charming of recent introductions. The plants form handsome little bushes about fifteen inches high, and fairly bristle with tiny, short-stemmed, very double flowers, hardly exceeding a Daisy flower in size. They are exceedingly pretty plants, bloom all Summer long and until late in Fall. Pkt., 10c.; 3 for 20c.

## SPLENDID HONEY PLANTS.

**Siberian Dragonhead.** This is one of the best liked honey plants by bees. The plants bloom from June till August, grow about 18 inches high and are very ornamental besides being useful. Sow the seed thinly where the plants are to remain in April. Pkt., 5c.; oz., 10c.; 2 ozs., 15c.; ¼ lb., 25c.; lb., 65c.

**Phacelia.** (Tansy-Leaved.) This is much liked in Russia, because of the mild honey it furnishes. The plants grow about 3 feet high and come into bloom very quickly, for that reason they can be had in bloom throughout the entire season if sown repeatedly. It requires about 4 lbs. to sow an acre. The seed is small and should be covered but little. The plants will thrive in almost any soil if not too cold. Pkt., 5c.; oz., 10c.; 2 oz., 15c.; ¼ lb., 25c.; lb., 75c.



PHACELIA.



SIBERIAN DRAGON-HEAD.

### BESIDES THE ABOVE the following are also good Honey Plants:

	Time of blooming	Pkt.	Oz.	¼ lb.	lb.
Alyssum,	June-Oct.	5c.	20c.	60c.	\$2.00
Bartonia,	July-Sept.	5c.	25c.	60c.	
Borage,	July-Sept.	5c.	15c.	45c.	1.50
Centaurea,					
(Cyanus.)	June-Sept.	5c.	15c.	35c.	1.00
Clarkia,	July-Sept.	5c.	20c.	50c.	1.60

	Time of blooming	Pkt.	Oz.	¼ lb.	lb.
Cynoglossum,	June-Sept.	5c.	15c.	40c.	\$1.00
Matthiola,	June-Aug.	5c.	15c.	40c.	1.40
Mignonette,	July-Sept.	5c.	10c.	20c.	.60
Nigella,	June-Sept.	5c.	10c.	30c.	.90
Whitlavia,	June-Sept.	5c.	20c.	60c.	1.80
All the above,					
(Mixed.)	June-Oct.	10c.	20c.	50c.	1.60



### Special Offer, No. 777.

One pkt. each of the 12 Honey plants, for 50c.

### Special Offer, No. 888.

One ounce each of the 12 Honey plants, for 90c.



## HARDY PERENNIAL PLANTS.

The plants known as "Hardy Perennials" are as a class exceedingly beautiful and useful, besides this they may be grown with less care than any other class of garden flowers except flowering shrubs. When once established they are good for an unlimited number of years, with little or no attention. The following list of ten Hardy Perennials is a selection from the best of this class, easily grown and cared for, and general favorites with everybody. Sow seed in May or June.

### THE HARDY FLOWER GARDEN.

Order by this name.

FOR 50c., we will send one packet each of the following choice Hardy Perennials.

**AQUILEGIA**, (Columbine.) Double and single, mixed.  
**CAMPANULA**, Splendid, mixed.  
**CHRYSANTHEMUM MAXIMUM**, Princess Henry.  
**COREOPSIS LANCEOLATA**,  
**DELPHINIUM**, (Larkspur.) Double and single, mixed.  
**FOXGLOVE**, (Digitalis.) Mixed.  
**GALLIARDIA**, Large flowering, bloom for four months.  
**HOLLYHOCK**, Double, prize mixture.  
**PLATYCODON**, Blue, bell-flower.  
**SWEET WILLIAM**, Giant-flowered.  
 10 pkts. of Choice Perennials for 50c.



## VINES.

There is no other class of plants that possesses quite so much grace and poetry as pretty trailing or climbing vines. It has been truly said that they are Nature's drapery. They add beauty and attractiveness to the plainest of dwellings, and should be lavishly trained over windows, porches and porticos, or wherever they will add finish and effect. The work should not be overdone, however, and should not be confined to the house alone. Out-houses, as barns, henneries, etc., may be attractively covered and much that is inartistic concealed. One of the prettiest ornaments in a certain yard last Summer was a large conical mass of cornstalks and rubbish, over which a host of wild cucumbers was allowed to trail. When the pile blossomed it was a source of much attraction; its white, fragrant, waving blossoms were indeed beautiful, and people paid more attention to it than to a rose-bed near by. And the whole thing was an accident, the seed having been thrown there with no thought of the result. A chicken-house was covered with Morning Glories in such a way as to suggest many fine, large, city buildings, covered with Ampelopsis.

### AN INEXPENSIVE GARDEN.

Order by this name.

For 50c. we will send 1 pkt. (regular size) each of Tall Nasturtium, mixed colors; Phlox, 10 colors; Sweet Peas, 20 kinds, Asters, 6 colors; Petunia, 10 colors; Candytuft, white; Sweet Sultan; Canarybird Climber; Pomponne Zinnia and mixed Verbena, all choice strains, and 5 fine Gladiolus Bulbs.  
 Ten Packets Choice Flower Seeds and 5 Bulbs for 50c.

### MIXED FLOWER SEEDS.

Carriage drives, shrubberies, large borders, and woodland walks may be brightened with most pleasing effect by sowing Mixed Flower Seeds and the cost is merely nominal.

2010—DWARF SORTS. Lb., \$1.00; ¼ lb., 30c.; oz., 10c.

2011—TALL VARIETIES. Lb., \$1.00; ¼ lb., 30c.; oz., 10c.

The following is a list of climbers raised from seed; listed and described in this catalogue:

Adlumia, Allegheny Vine.

Balloon Vine.

Bryonopsis.

Canarybird Vine.

Cobæa Scandens, purple.

Dolichos Hyacinth Bean, mixed.

" Princess.

" Purple Sudan.

Gourds.

Hop, Japanese.

Lathyrus, Everlasting Pea, White, Pink Beauty or mixed.

Maurandya, mixed.

Melothria.

Momordica, Balsam Apple and Pear.

Moon Flower.

Morning Glory.

Mina.

Nasturtium.

Passiflora, Blue.

" Gracilis.

Scarlet Runner Bean.

Sweet Peas.

Thunbergia.

Wild Cucumber.

### Vaughan's Climber Collections.

No. 2000—6 Different Climbers, our selection of kinds, 20c.; (retail value 30c.)

No. 2001—12 Different Climbers, our selection of kinds, 40c.; (retail value 60c.)

No. 2002—Twenty Climbers, mixed, per large pkt., 15c.; 2 for 25c.

### Flowers from Seed for Shaded Places and Cold Locations:

Aconitum, (Monk's Hood.)

Asperula Ozurea.

" Odorata.

Begonia.

Cannas, for foliage.

Campanula.

Coreopsis.

Cowslip.

Digitalis, (Foxglove.)

Forget-me-not.

Impatiens Sultan.

Kenilworth Ivy.

Lobelia.

Mimulus and Musk.

Sweet Violet.

### SWEET SCENTED FLOWERS.

Raised from Seed. Suitable for Bouquets.

Alyssum.

Antirrhinum, (Snapdragon.)

Asperula.

Carnations.

Candytuft.

Centaurea Suaveolens } Sweet  
 " Imperialis } Sultan.

Dianthus Plumarius.

Heliotrope.

Mignonette.

Nasturtium, the tall sorts.

Nicotiana Affinis.

Pansies.

Petunia.

Phlox.

Salpiglossis.

Scabiosa.

Stocks.

Sweet Peas.

Wall Flower.

### OTHER FLOWERS FOR BOUQUETS. Raised from Seed.

Besides the above. the following supply splendid cut flowers.

Adonis.

Ageratum Mexicanum.

Aquilegia, or Columbine.

Aster, the tall sorts.

Bachelor's Button.

Balsam.

Brachycome, (Swan River Daisy.)

Calendula, Pot Marigold.

Calliopsis.

Canterbury Bell.

Chrysanthemum, Annual.

" Maximum.

Coreopsis.

Cosmos.

Dahlia, Single and Double.

Delphinium, or Larkspur.

Dianthus.

Digitalis, or Foxglove.

Dolichos, or Hyacinth Bean.

Everlasting Flowers.

Forget-me-not.

Four O'Clock, (Marvel of Peru.)

Gaillardia, annual and perennial.

Gypsophila.

Linum.

Lupinus.

Marigold.

Ornamental Grasses.

Phlox.

Poppy.

Pyrethrum Roseum.

Rudbeckia.

Salvia Splendens.

Schizanthus.

Sunflower, miniature.

Sweet William.

Verbena.

Zinnia.

### VAUGHAN'S BOUQUET COLLECTIONS.

No. 2003—6 different kinds, 20c.

No. 2004—12 different kinds, 40c.

No. 2005—24 different kinds, 70c.

No. 2006—Mixture of 25 kinds, all suitable for bouquets, large pkt., 15c.; 2 for 25c.

### Plants Suitable for Ornamental and Foliage Beds.

RAISED FROM SEED.

Amaranthus.

Cannas.

Castor Beans.

Coleus.

Coxcomb.

Dahlia, Single.

Datura.

Digitalis or Foxglove.

Hollyhock.

Larkspur, perennial.

Marigold Eldorado.

Mellanthus.

Nicotiana Affinis.

Sunflower.

Zinnia.



## SUMMER FLOWERING BULBS



CLIDANTHUS FRAGRANS.

### AMARYLLIS.

**Formosissima.** One of the finest of the Amaryllis family, having beautiful dark scarlet flowers, strangely marked. It is very free blooming and can be easily grown in water like the Hyacinth or Chinese Lily. If planted outdoors after danger of frost is over it will flower during the summer, and can then be lifted in early Fall and carried over the Winter like the Gladiolus. Large Bulbs, each, 10c.; 3 for 25c.; doz., 90c.

**Johnsonii.** The old favorite and almost too well known to need description. The immense trumpet-shaped flowers, which measure 3 to 8 in. across, are borne on strong, fleshy flower spikes and are of rich, deep velvety crimson, each petal having a broad white stripe, contrasting beautifully with the deep red color. Large Bulbs, each, 30c.; 3 for 85c. Mammoth Bulbs, each, 50c.; 3 for \$1.25.

**Vittata Hybrids.** These are all unnamed seedlings and will produce flowers which for colors and markings cannot be surpassed. The bulbs are of large size and will bear immense spikes of large trumpet shaped flowers from 8 to 10 in. across with rich glowing colors. We advise our customers to try a few bulbs of these grand Amaryllis, as they are something new and distinct from any ever offered before. Each, 50c.; 3 for \$1.35; doz., \$5.00.

### APIOS TUBEROSA.

Also called Tuberous-rooted Wistaria. A pretty vine possessing a delicious violet fragrance. 2 for 10c.; 5 for 20c.; doz., 45c.

JERAULD CO., S. DAK.  
I will say we have ordered about all our seeds, plants and bulbs from your firm for the past four years and find them very satisfactory.  
DR. W. W. SMITH.



SINGLE TUBEROUS ROOTED BEGONIA.

### TUBEROUS ROOTED BEGONIAS.

This showy flower has become very popular and deservedly so, as they are perhaps the handsomest of all Summer flowering tuberous rooted plants. To those of our customers who are tired of planting Geraniums every year we would recommend their trying a bed of Begonias as a substitute. They will succeed in any rich well drained soil, and prefer a position where they will be protected from the direct rays of the sun during the hottest part of the day. They also make fine pot plants for the conservatory or window garden. They may be had in both single and double sorts in the following colors:

SINGLE SORTS.		DOUBLE SORTS.	
White,	Each, 7c.	White,	Each, 12c.
Yellow,	4 for 25c.	Yellow,	4 for 45c.
Scarlet,	doz., 70c.	Scarlet,	doz., \$1.25;
Pink,	100, \$5.00.	Pink,	100, \$8.00.
Mixed,		Mixed,	



AMARYLLIS FORMOSISSIMA

Prices include postage unless otherwise given.

### CALADIUMS. Elephant's Ears.

One of the most effective plants in cultivation for planting out upon the lawn; growing 5 ft. high, with handsome leaves often 3 ft. long and 20 in. wide. It will grow in any good garden soil and is of easiest culture. Can be stored in sand in any warm place during winter.

### Fine Bulbs with Live Center Shoots.

**First Size Bulbs.** 1½ to 2½ in. in diameter; each, 10c.; 3 for 25c.; doz., 85c.; 100, \$5.00. Postage, 5c. each extra.

**Select Size Bulbs.** 2½ to 3 in. in diameter; each, 12c.; 3 for 30c.; doz., \$1.10; 100, \$7.00. Postage, 8c. each extra.

**Extra Large Bulbs.** 3 to 4 in. in diameter, each, 18c.; 3 for 50c.; doz., \$1.75; 100, \$13.00. Postage, 10c. each extra.

**Mammoth Size.** Beautiful bulbs. Each, 30c.; 3 for 80c.; doz., \$3.00. Postage, 15c. each extra.

**Jumbo Bulbs.** These are of monstrous size and will throw up leaves 6 to 7 ft. high. One bulb will make a splendid show. Each, \$2.00; 3 for \$5.00, by express at buyer's expense.



CALLA—VAUGHAN'S NEW PROLIFIC.

### WHITE CALLA.

In order to satisfy a demand which we have had every Spring, we have kept over a number of bulbs of this popular favorite in cold storage. They are in splendid condition and can be planted in pots or outdoors, giving just as good results as if they had been grown in the Fall. Each, 10c.; 3 for 25c., postpaid. Per doz., 85c.; 100 for \$6.00, by express at buyer's expense.

### Vaughan's New Prolific Calla.

This splendid novelty, while much like the common Calla, has such definite points of added merit that it is, in our opinion, sure to take the place of the old variety. The flowers are large and snow-white in color, and a good plant will produce three times as many flowers as other Callas. Each, 50c.; 3 for \$1.35; per doz., \$5.00.

**Spotted Leaf Calla.** Similar to the well-known White Calla, but having its glossy, dark, rich green foliage marked and dotted with numerous white spots. The flowers are pure white, with dark throat. Each, 15c.; 2 for 25c.; doz., \$1.25. Extra large bulbs, each, 25c.; 3 for 60c.



APIOS TUBEROSA.



CALADIUM ESCULENTUM.

### FANCY LEAVED CALADIUM.

For window boxes, house or greenhouse growing, this is one of the most decorative plants. Their leaves, handsomer than Begonias, are spotted, marbled, veined, striped with white, pink and dark red. Bulbs should be started into growth in a warm place. Each, 20c.; 3 new varieties, 50c.; 7 for \$1.00, postpaid.

### CLIDANTHUS FRAGRANS.

This new addition to the list of Summer flowering bulbs will become very popular when its merits are more fully known. A variety of the well-known Amaryllis family of free flowering habit with beautiful lemon flowers of a matchless fragrance, being a combination between the Lilac and the Tuberose. Makes a splendid plant for outdoors or for pot culture. Keep the bulbs in a dry, warm place and plant out the first of June. Each, 15c.; 3 for 40c.; doz., \$1.45.

### THE CINNAMON VINE.

One of the most charming of climbers, and will quickly surround your arbor, window or veranda

with a wonderful profusion of vines covered with handsome, glossy, heart shaped leaves and sweet-scented flowers, making it a perfect bower of beauty. Perfectly hardy—thriving everywhere, and once planted will grow for many years, and be a source of constant delight to the possessor. The vines often run 25 to 40 ft. and when trained over and about a window or veranda are universally admired, while their many clusters of delicate, unique white flowers send out an amount of delicious fragrance that is as truly wonderful as it is indescribable. Good roots, 5c.; 6 for 25c.; doz., 40c. Extra large roots, 10c.; 3 for 25c.; doz., \$1.00.



CINNAMON VINE

### CRINUM KIRKI.

The grandest variety of this group. The flowers are fragrant, petals broad and white, with a deep, purple reddish stripe through the center. Usually two flower stalks are sent up, each bearing a large cluster of 12 to 20 flowers. It blooms with the greatest freedom. Large Bulbs, 40c. each, postpaid. Extra Mammoth Bulbs, weighing about one and one-half pounds, \$1.00, postpaid.

### SPECIAL OFFER No. 500.

We will mail postpaid for 40c., 1 each of the following 5 Bulbs: Amaryllis Formosissima, Single Begonia, Double Begonia, Caladium Esculentum, Calla Lily.

List price of this collection is 50c.



## Vaughan's LARGE FLOWERING Gladiolus

The most attractive of Summer flowering bulbs, easily cultivated. They will amply repay any extra care or attention that is given them. For cutting they are invaluable, the flowers lasting in water for a week. Their rapid increase while flowering and their permanent value as dry bulbs claim the highest consideration. Nearly all other bulbs lose their value with the first flowering; many of our finest plants are worthless with the end of the Summer, and few of either bulbs or plants can be increased and easily cared for like the Gladiolus.

Prices on single bulbs and dozens include postage; 50 and 100 lots are sent at buyer's expense.

### PRINCEPS. A SUPERB NEW GLADIOLUS.

This is a Hybrid between the rare African Gladiolus Cruentus and a selected Childsii Seedling.

Priniceps is by all odds the handsomest and most robust variety yet produced. It grows from 3½ to 4 feet high under ordinary garden conditions, with very broad and handsome foliage, forming a grand setting for the brilliant Amaryllis-like blooms which open more widely than any other variety, a characteristic it receives from *G. cruentus*, the mother species. The color is rich crimson with intense shadings in the throat, and broad white blotches across the lower petals. The flowers range from 5 to 6 inches in diameter, and can be grown to nearly 8 inches under stimulating culture. The petals are very wide and much rounded, forming an almost circular flower. From three to six of these immense and brilliant blooms are expanded at a time on each spike, which often produces 16 to 18 flowers during its development. Priniceps is a most striking variety and the rate of increase is such that in time it can be produced in large quantities for bedding purposes as well as for cutting and exhibition. It endures the sun and wind well, and opens perfectly to the last bud in water. It blooms normally in August, but may be had late in October by delaying planting. It forces splendidly.

### Read what the Experts say about it.

THE GARDEN, Sept. 14 1901.—Gladiolus Hybridus Priniceps. This, too, would appear, judging from the wide expanse of flower, to be somewhat allied to the Childsii group, as indeed it is among the boldest we have seen. It is possible, too, that there is influence from the *G. Saunders*, or one of its descendants, with the result that the above is a truly remarkable kind. The predominant colors are divided between scarlet and white, the former abounding in the upper parts and extending tips, while a broad expanse of white somewhat irregularly covers the lower part of the flower, which is nearly six inches across. This fine variety came from Sir Trevor Lawrence, Dorking gardener, Mr. Bain. Award of merit.

SANTA ROSA, CALIF., Aug. 11, 1902.—"Priniceps" Gladioli have now been in bloom for two weeks. They are by all means the most magnificent of any Gladiolus I have ever seen. I measured some of the blossoms and find the individual blossoms five by five and a half inches in diameter. The flowers are most brilliant, resembling in form, color, and almost in size some of the newest Hippeastrums. Every flower lover in the world, in fact, all mankind, owe you a debt of gratitude for this magnificent production. I have placed them out in the open field in the bright sunshine and they have stood the test of our bright sun most admirably.

"It is the finest Gladiolus ever raised."—MAX LEICHTLIN. 1899.

LUTHER BURBANK

PRINCEPS has received an Award of Merit and Diploma of Honor at American Institute fair, New York, 1901 and 1902, and Award of Merit, Royal Horticultural Society, London, England, 1901. Each, 50c.; 3 for \$1.25; doz., \$5.00.

### GLADIOLUS, "WHITE LADY."

This is the only really pure white, large flowering Gladiolus in existence and also one of the finest varieties we know of. The flowers are of large size with wavy petals, which relieves much of the stiffness so often seen in most sorts. The "White Lady" should not be compared with the variety "Snow White," which usually shows a strong reddish cast and as a matter of fact is not to be classed as a pure white. As a variety to plant for cut flowers, White Lady cannot be surpassed; the flowers have kept in water with us for two weeks after cutting, and we cannot too strongly recommend our customers to try a few bulbs of this splendid variety. Each, 60c.; doz., \$6.25.

### GLADIOLUS LILEY.

This is one of the best of the light colored varieties and cannot be too highly recommended. Flowers are of a creamy white, mottled with rosy pink. It is a strong grower and should undoubtedly be in everyone's collection. Each, 12c.; doz., \$1.15.

### GLADIOLUS, BEN HUR.

A large compact spike with enormous flowers of a peculiar and almost indescribable color. Light salmon rose, tinged, flaked and mottled with blue. Throat beautifully mottled and spotted. Each, 15c.; doz., \$1.25.

### LEMOINE'S HARDY GLADIOLUS.

These have odd and fantastic markings and resemble the fascinating beauty of Orchids. The following varieties comprise a grand combination of colorings

**Marie Lemoine.** Pale, creamy color; flushed salmon lilac.

**Admiral Pierre.** Dark carmine red, clouded with purplish maroon

**La Fayette.** Very large, yellowish salmon, crimson blotch.

**Obelisk.** Rich solferino, deep crimson blotch.

**Incendiary.** Fiery red, large blotch of crimson red on lower petals.

Price of any of the above five: Each, 10c.; doz., 85c.; 25 for \$1.60.

### LEMOINE'S FINE MIXED.

**First Size Bulbs.** Each, 4c.; doz., 40c., postpaid. 50 for \$1.25; 100 for \$2.00, by express at buyer's expense.

**Second Size Bulbs.** Each, 3c.; doz., 30c., postpaid. 50 for 90c.; 100 for \$1.50, by express at buyer's expense.



GLADIOLUS PRINCEPS.

### GLADIOLUS "1900."

Cannot be surpassed for Cut Flowers and Show Beds.

One of the finest varieties we have ever grown at our trial grounds. Flowers are borne on stalks 3½ to 4 feet high, the length of bloom being from ten to sixteen inches. The color is a very rich shade of red with prominent white spots on the three lower petals. It has a long season of bloom and an abundance of green foliage. A bed planted with this variety alone makes a splendid show and can be seen for great distance. It is fine as a cut flower and will last in water for a long time. Each, 7c.; doz., 75c.; 100 for \$5.50.

**SPECIAL OFFER, No. 600.** We will mail postpaid for \$1.00, 4 each of the three splendid varieties, "1900," Ben Hur and Liley.



"1900"  
GLADIOLUS



GLADIOLUS, "WHITE LADY."







## Summer Flowering Bulbs

**GLOXINIAS.** New Giant Flowering Hybrids. Beautiful house plants of dwarf habit and easy culture. Flowers are trumpet-shaped, with beautiful markings, shaded violet, rose, blue or crimson. One bulb planted in a 5-inch pot will make a magnificent show, and if planted at intervals will give a continuous bloom for a long period.

**Emperor Frederick.** Red, with a pure white border.

**Mont Blanc.** Pure white. **Defiance.**—Rich crimson-scarlet.

**Emperor William.** Violet-blue, with white throat tinged and spotted; beautifully streaked and spotted. Each, 15c.; 3 for 40c.; doz., \$1.50, postpaid. Mixed Colors.—Each, 10c.; 3 for 25c.

**HYACINTHUS CANDICANS.** It can be used with excellent effect in the center of a bed of scarlet Gladioli, as it comes into bloom about the same time. The flowers are bell-shaped and pendulous, pure white in color and somewhat fragrant. The plant is hardy and grows stronger each year. Very useful along walls, fences and in beds. Each, 6c.; 3 for 15c.; doz., 60c., postpaid.

## IPOMŒA PANDURATA, or Day-Blooming Moon Flower.

This is perfectly hardy and increases in size each season. It sometimes happens that blind tubers of the above are supplied by dealers. These, of course, fail to grow. We get our stock direct from the collectors and take great care to send out only sure-growing tubers, that will grow and thrive in any soil, producing luxuriant, compact foliage and quantities of beautiful white flowers with a purple throat. 1st size roots postpaid, 15c.; doz., \$1.50. Extra size roots, by express at purchaser's expense, 25c. each; \$2.50 doz.

**ISMENE CALATHINA.** The flowers are of very large size like an Amaryllis, novel form and of snowy whiteness, and are also exceedingly fragrant. As a pot plant it is grand, and as a garden bulb treated like a Gladiolus it is one of the choicest of all flowers. Strong flowering bulbs, 20c., each; 3 for 50c.; 7 for \$1.00.

**MADEIRA VINE.** The Madeira Vine is of rapid growth, with dense and beautiful foliage, twining to great height. It grows anywhere, but does better in a warm, sunny, sheltered location. It is also a very pretty plant for training around the windows in the house. Strong Tubers, each, 5c.; 3 for 10c.; per doz., 30c., postpaid.

**MILLA BIFLORA.** A pretty free blooming bulb, with flowers of pure waxy white, very fragrant and borne on stems about eighteen inches high. The petals are very thick and firm, and the flowers last a long time in water. Each, 5c.; doz., 50c.; 100 for \$3.50, postpaid.



PHAEDRANASSA CHLORACEA.

GLOXINIA.

**MONTBRETIAS.** One of the brightest and best of Summer flowering bulbs, and one which will be more generally used when its merits become more fully known. Plant in clumps of six or twelve bulbs in May or June. They greatly resemble the Gladioli in growth and produce beautiful spikes of star shaped flowers in various shades of orange yellow and red. Mixed varieties, 3 for 10c.; per doz., 30c.; 100 for \$2.00, postpaid.

**SUMMER FLOWERING OXALIS.** These useful little plants are very effective in masses or beds and are particularly valuable for edgings. They produce an unbroken row of foliage and showy flowers. Pure white, pink or red. Either color, per doz., 10c.; 35 for 25c.; 100 for 50c., postpaid.

**PHAEDRANASSA CHLORACEA.** The flowers are borne in pendulous clusters, and an odd mingling of colors, green, orange, scarlet, etc. Always admired, for it is a very odd and exceedingly interesting plant. The clusters of fine, drooping blossoms are entirely unlike any other species of Amaryllis. Each, 15c.; 3 for 40c.; doz., \$1.25.

CHICKASAW CO., I. T.—The Caladium Bulbs you sent last year were huge and a tropical delight. The leaves stood above my head and leaves were more than four feet across. This year they will be all around a fountain. One bulb has grown, now weighs 14½ lbs. I'm very proud of these plants. MRS. KIRBY PURDOM.



TUBEROSES—EXCELSIOR PEARL.

## Ipomœa Mexicana, or Century Vine.

This is without question the easiest grown and most free flowering of all the Ipomœas. produces large size blossoms of rosy color, shaded violet or blue, and if planted in a shaded situation the flowers remain open all day. It is a wonderful quick grower, quite frequently making as much as thirty-five feet of vine in one season. The root increases as freely as does the Irish potato and in a short time you will have a plentiful number of them. Not altogether hardy, but the root can be taken up in the Fall and preserved over Winter like a Dahlia.

1st size roots, each, 30c.; 3 for 80c., postpaid.

**SPECIAL OFFER.** One each, Ipomœa Mexicana and Pandurata, postpaid, for 40c.



MADEIRA VINE.

## Tuberoses

Handling as we do nearly a million of these each season, mainly for our wholesale and export buyers, enables us to select the choicest Bulbs which the market produces for our Catalogue trade. Our "Mammoth Excelsior Dwarf Pearl" is a special selection made for many years of the most Dwarf, double, and full flowered spikes and is exceptionally sturdy and dwarf in habit. This "Mammoth strain" is positively the highest type of the Tuberose. The kind to grow if you desire "prize" blooms.

"Mammoth Excelsior Dwarf Pearl." Especially selected for our retail trade, by mail, each, 7c.; 4 for 25c.; per doz., 60c.; by express at purchaser's expense, each, 5c.; doz., 50c.; per 100, \$3.00. We supply 25 and over at the 100 rate.

**First Size Bulbs.** By mail, 3 for 12c.; per doz., 40c.; by express at purchaser's expense, 3 for 10c.; doz., 35c.; per 100, \$2.00.

**Second Size Bulbs.** All flowering, often sold by so-called "Bargain Stores" under the name "first-class." 6 for 15c.; doz., 25c., postpaid; by express at purchaser's expense, 6 for 12c.; doz., 20c.; per 100, \$1.00.

**Tall Double.** Flower spikes 3½ to 5 feet high; fine open flowers, free blooming. **First Size.**—Postpaid, 3 for 12c.; doz., 40c.; not prepaid, per doz., 35c.; per 100, \$2.00. **Second Size.**—6 for 15c.; doz., 25c.; not prepaid, doz., 20c.; per 100, \$1.35.

**Silver Leaved.** This is an early single kind, with striped leaves, making a grand show on account of its striking foliage. Each, 5c.; doz., 50c., postpaid.

**Single.** Sometimes called Orange-Flowered. Blooms very early and are exceedingly graceful and pretty. Each, 4c.; 3 for 10c.; per doz., 35c.

**Albino.** New branching single variety, blooming much earlier than old single variety, fine for cut flowers. Each, 5c.; per doz., 40c.

## Armstrong's Ever-Blooming Tuberose.

This variety blooms year after year and produces single pure white flowers of a fragrance similar to that of the "Jasmine." It makes a splendid cut flower and should be in everyone's garden. We have had great difficulty each year in procuring enough bulbs to keep pace with the demand for this variety. Each, 10c.; 3 for 25c.; doz., 85c., postpaid.

**Tigridias.** (Peacock or Shell Flower.) Extremely handsome summer-flowering bulbs, growing about 2 feet high, producing large, gorgeous flowers, exquisitely spotted; they flower very freely throughout the Summer.

**Conchiflora.** Rich yellow, spotted red.

**Speciosa.** Scarlet.

**Grandiflora Alba.** White, with red spots.

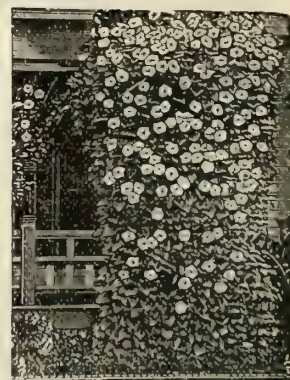
**Canariensis.** Yellow, spotted scarlet.

Price of any of above, each, 6c.; doz., 65c.; 100 for \$5.00, postpaid.

**Tigridias,** mixed colors, each, 5c.; doz., 50c.; 100 for \$4.00, postpaid.



HYACINTHUS CANDICANS



IPOMŒA MEXICANA.

**ZEPHYRANTHUS.** Although some of these varieties are old, they are not generally known or seen in cultivation. When once tried they will always be grown, as they are among the prettiest and easiest grown flowers there are. For pot culture plant three or four in a five or six inch pot and they will bloom beautifully. For the garden plant in Spring and lift in Fall like Gladioli.

**Rosea.** Beautiful clear rose; flowers large and very handsome; blooms all summer. Each, 5c.; doz., 50c., postpaid.

**Floribunda.** A new sort, it bears its flowers usually in pairs, two on a stem. It is very beautiful, being of a rich golden yellow, and exceedingly sweet scented, its perfume being unlike any other flower we have ever seen. 3 for 12c.; doz., 40c., postpaid.

**Candida.** Pure white and the most profuse bloomer of all. 3 for 10c.; doz., 35c.; 100, \$2.00, postpaid.

## SPECIAL OFFER

We will mail postpaid for 75 cents, the following Summer flowering bulbs, namely

3 GLOXINIAS,	3 TUBEROSES EXCELSIOR PEARL.
3 HYACINTHUS CANDICANS,	1st size,
6 OXALIS,	3 MONTBRETIAS,
3 ZEPHYRANTHUS CANDIDA.	3 MILLA BIFLORA,





LILIUM AURATUM.



BERMUDA EASTER LILY.



LILIUM SPECIOSUM RUBRUM.

All Prices are Postpaid unless otherwise mentioned.

## CHOICEST HARDY LILIES

The Recollection of Quality Remains Long After Price is Forgotten.

ALL STRICTLY FIRST SIZE. Especially adapted to planting in borders, between shrubs, etc. The best collection of sure blooming Lilies ever offered. Because of the great popularity of this most beautiful of all bulbous plants, hundreds of kinds have been offered to the public in small and inferior bulbs, such as have shriveled and died before attempting to start into life, all of which has discouraged the many friends of this flower divine. Experience has taught us something about Lilies during the last sixteen years, and with each new Gardening Annual we prune our list, rejecting every variety which has not the size, substance or lasting qualities necessary to a strong plant. Bulbs chosen from this list will produce a Lily Bed which will not be a disappointment.

### AURATUM, Gold Banded.

Justly famous as the most beautiful and fragrant of all Lilies; flowers white, dotted crimson, with a clear, broad, golden band running through the center of each petal. First size bulbs, each, 20c.; 3 for 50c.; dozen, \$1.90; by express at purchaser's expense, 25 for \$2.75. Mammoth size bulbs, each, 35c.; 3 for \$1.00; dozen, \$3.50; by express at purchaser's expense, 25 for \$6.00.

### BROWNII.

One of the most handsome Lilies, large trumpet shaped flowers, usually 10 to 12 in. in length. Chocolate purple outside, pure white inside; stamens a rich chocolate brown. Each, 40c.; doz., \$4.00.

### CANADENSE, Meadow Lily.

This pretty Lily is one of our hardy native sorts, and bears a graceful stem of drooping, bell-shaped yellow and red flowers. Extra sized bulbs, each, 10c.; doz., \$1.00.

### ELEGANS BICOLOR.

Perfectly hardy and will succeed in most any situation. Flowers large and showy; bright red, flushed orange. Each, 10c.; 3 for 25c.; doz., \$1.00.

### EXCELSUM.

A handsome sort, grows 4 to 6 feet high, producing delicate, buff-colored flowers of delightful fragrance. Blooms in June and July. Each, 40c.; per dozen, \$4.00.

### LONGIFLORUM,

#### OR BERMUDA EASTER LILY.

Bears clusters of beautiful snow-white trumpet-shaped flowers of rare fragrance; should be in every garden. Extra size bulbs, each, 20c.; doz., \$2.25.

### LILY-OF-THE-VALLEY.

Fragrant and Lasting. The rival and fit companion of the violet, there is no flower more lovely than this; its graceful waxy bells are filled to overflowing with the most delightful fragrance, and when set among its own glossy dark leaves it is a gem. For Pot Culture we recommend using the single crowns or pups.

Large Flowering German Pips. 6 for 15c.; 12 for 25c., postpaid; by express at buyer's expense, 25 for 40c.; 100 for \$1.50.

Large Imported Clumps. For outdoor planting we recommend the use of clumps. These should be planted in a shady, moist situation, and being one of the hardiest of flowers they require little or no protection. A corner filled with these plants, mingled with hardy ferns, and allowed their own way for several years, becomes a spot of beauty. 25c. each; \$2.50 per doz.; \$18.00 per 100, by express or freight at buyer's expense. If wanted by mail, add 10c. each for postage.

### PARDALINUM.

Leopard Lily. Rich scarlet and yellow flowers, spotted with rich brown. Robust and free flowering. A superb Lily; gives greatest possible satisfaction; succeeds in all situations. Each, 12c.; 3 for 30c.; dozen, \$1.20.



LILIUM UMBELLATUM.

### SPECIOSUM LILIES.

The Speciosums are the hardiest, most robust and free-flowering of all Lilies, not omitting the old Tiger Lily, while in beauty they are second to none. The magnificence of their blossoms cannot be described.

### SPECIOSUM ALBUM.

Pure white with beautiful recurved petals, very fragrant. This, with Rubrum and Melpomene, belong to the "Speciosum Section." First size bulbs, each, 20c.; 3 for 50c.; doz., \$1.90; by express at purchaser's expense, 25 for \$2.75. Mammoth size bulbs, each, 40c.; 3 for \$1.10; dozen, \$4.00; by express at purchaser's expense, 25 for \$6.00.

### SPECIOSUM MELPOMENE.

A most beautiful variety. Flowers frosted white, spotted, clouded and bearded with pinkish crimson. Petals deeply recurved and widely bordered. First size bulbs, each, 15c.; 3 for 40c.; dozen, \$1.50. Extra size bulbs, each, 20c.; 3 for 55c.; dozen, \$2.00.

### SPECIOSUM RUBRUM—Crimson Banded.

Flowers are white, with a deep rosy or crimson band on each petal, with deeper colored spots between. They are five to 6 in. in diameter, very fragrant, and have all the hardness of the Speciosum class. First size bulbs, each, 20c.; 3 for 50c.; dozen, \$1.75; by express at purchaser's expense, 25 for \$2.75. Mammoth size bulbs, each, 40c.; 3 for \$1.10; dozen, \$4.00; by express at purchaser's expense, 25 for \$6.00.

### SUPERBUM.

The finest of the native Lilies. Flowers bright orange red, thickly spotted with purple. Remarkable for immense height (often 8 ft.) and profusion of bloom; a strong plant, bearing from 20 to 30 flowers. Extra sized bulbs. Each, 10c.; dozen, \$1.00.

### TENUIFOLIUM.

Siberian Lily. A native of Siberia. One of the very hardiest Lilies; flowers vivid scarlet, with petals reflexed; very showy and free flowering, blooming early in the Spring. It is very easy of cultivation, requiring only a well-drained sandy soil. Each, 15c.; doz., \$1.50.

### TIGRINUM.

Single Tiger Lily. Very hardy native Lily; orange-red, spotted with purple black. Is very pretty and bears 8 to 20 flowers when well established. Each, 10c.; dozen, \$1.00.

### TIGRINUM SPLENDENS.

The best of all the Tiger Lilies. Bears large pyramid of flowers, orange red, spotted with black. Each, 12c.; doz., \$1.25.

### TIGRINUM FLORE PLENO.

The well-known double "Tiger Lily" grows from 4 to 6 feet high and bears an immense number of bright orange flowers. Each, 12c.; doz., \$1.25.

### UMBELLATUM.

A splendid, hardy Lily, and should be found in every garden. Colors range from deepest red through all shades of crimson, rose, yellow, buff, apricot, etc.; blooms about June 20. Each, 15c.; per doz., \$1.50.

### WALLACEI.

Flower rich vermilion orange, spotted with maroon dots; Autumn flowering. Each, 8c.; doz., 75c.



LILIUM TENUIFOLIUM.





FROM A PHOTOGRAPH SHOWING IN PART KENWOOD CLUB TENNIS GROUNDS  
SOWN WITH VAUGHAN'S "CHICAGO PARKS" LAWN SEED.

## How to make a Lawn

Is fully described in our new pamphlet, which will be given free with every package of Lawn Seed.

A lawn may be established either by "sodding" or "seeding." The latter is not only much less expensive, but much more satisfactory, as better grasses can be thus obtained, and the quality and variety of the grasses have a great deal to do with the appearance and permanency of the lawn.

## VAUGHAN'S LAWN FERTILIZER

Is Essential to a Good Lawn

# Vaughan's "Chicago Parks" Lawn Seed

**PRICE** Per lb., 25c.; 3 lbs., 65c.; 5 lbs., \$1.00; 10 lbs., \$1.85; 15 lbs., \$2.75; 25 lbs., \$4.25; 50 lbs., \$8.25; 100 lbs., \$16.00. If to go by mail add 8 cents per lb. for postage.

Prepared for use in our famous Parks, named by us and sold at our stores for many years with very general satisfaction. It will produce an even, dense growth of permanent sward as early in the season as it is possible to do. This mixture contains no annual grasses for making quick show to the detriment of a good lawn, but only those of lasting value and hardiness, which, when once established, need no reseeding for years. Our seed, which we know to be as pure as can be found anywhere, is of the best varieties, best suited for even and permanent growth; it is carefully cleaned, and as free as it is possible to make it from foreign matter.

### QUANTITIES TO USE.

1 lb. package	for 400 square feet
5 "	" 2,000 "
10 " bag	" 4,000 "
15 " "	" 6,000 "
25 " "	" one-fourth acre.
50 " "	" one-half "
100 " "	" one "

## Vaughan's Columbian Lawn Grass Mixture.

### FOR SHADED LAWNS

### AND SANDY SOIL. ::

### SPECIAL QUOTATIONS

We shall be pleased to quote special prices to Golf clubs, institutions, parks and others who require Lawn Grass and Clover Seeds in large quantities.

A selection of the fine grasses which thrive naturally under the shade of trees or buildings, or are suitable for light sandy soil. This mixture was extensively used on the World's Fair Grounds, where we furnished large quantities of this seed to the landscape department, and where it gave splendid results.

Sow at least 50 lbs. of seed per acre to make a new lawn; or 20 lbs. per acre for thin grass.

**Price:** Per lb. (enough for a space 15 x 15 feet), 25c.; 3 lbs., 65c.; 5 lbs., \$1.00; 10 lbs., \$1.75; 20 lbs., \$3.25; 25 lbs., \$3.85; 50 lbs., \$7.50; 100 lbs., \$14.00. If by mail add 8 cents per lb. for postage.

### VAUGHAN'S "GOLF LINK" GRASS SEED.

This is a special mixture of the finest grasses that will stand the wear and tear and retain its velvety appearance.  
**Price:** Per lb., 25c.; 5 lbs., \$1.00; 50 lbs., \$9.50; 100 lbs., \$18.00. Special price on larger lots.

### SEEDS FOR TENNIS LAWNS.

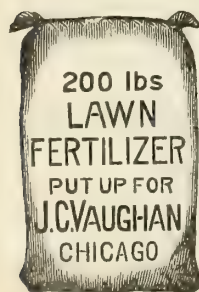
A mixture of strictly perennial grasses without clovers, specially adapted to produce a close fine enduring sward. Sow from 50 to 60 lbs. per acre for a new lawn or bowling green; 15 to 20 lbs. per acre to improve existing turf.

**Price:** Per lb., 25c.; 5 lbs., \$1.00; 15 lbs., \$2.75; 25 lbs., \$4.25; 50 lbs., \$8.25; 100 lbs., \$16.00.

### Vaughan's Lawn Fertilizer.

Lawn grass is a voracious feeder and will not thrive and hold its beautiful dark green color and velvety appearance unless it receives a sufficient supply of suitable food. Because so few appreciate this fact is the reason there are so many poor, rusty-looking lawns. Stable manure is unpleasant to handle, ill-looking and decidedly odorous, and is also full of waste material. It contains weed seeds which are obnoxious, and it often takes years to eradicate the weeds, causing an unnecessary amount of labor. All these objections are obviated by the use of our Lawn Fertilizer, and if Vaughan's Lawn Seed is used there is no excuse for a bad lawn. If the lawn is in fair condition it is only necessary to rake off the dead leaves and grass in the early spring and scatter broadcast over its surface some of our Lawn Fertilizer with a little of our Chicago Park Lawn Seed over the thin

spots, and the work is done.  
**DIRECTIONS FOR USE.**—The first application should be made early in the Spring, as soon as the frost is out of the ground, at the rate of 25 pounds of fertilizer to every 1000 square feet of lawn, evenly distributed. For seeding down a new lawn scatter double the amount, say 50 pounds of fertilizer, broadcast on every 1000 square feet, and rake it in thoroughly before sowing the seed.



**KENTUCKY BLUE GRASS.**—Many prefer this to a mixture of grasses, and the fact cannot be denied that a lawn of Blue Grass only is magnificent; it takes longer, however, to get it established.

**Fancy Clean Seed.** Per lb., 20c.; 3 lbs. 50c.; bushel, (14 lbs.) \$1.60; 5 lbs., \$7.75.

**WHITE CLOVER.**—Extra Choice Seed. Per lb., 35c.; 3 lbs., 90c.; 5 lbs., \$1.30; 10 lbs., \$2.50. Add 8 cents per lb. to above prices if wanted by mail.

**RED TOP GRASS.**—Fancy clean seed. Per lb., 20c.; 5 lbs. for 75c.

**RED TOP GRASS.**—Choice seed. Per lb., 15c.; 6 lbs., 70c.

Where an immediate effect for one season is desired there is none better than the Red Top Grass, as it comes up quickly and makes a beautiful lawn, but the grass is liable to winter-kill.

### Vaughan's Lawn Fertilizer.

**Price:** 5 lbs., 30c.; 10 lbs., 50c.; 25 lbs., \$1.00; 50 lbs., \$1.60; 100 lbs., \$2.75; 200 lbs., \$5.00; 500 lbs., \$11.00; 1000 lbs., \$20.00; 2000 lbs., \$38.00.

### HARD WOOD ASHES.

This is also a splendid fertilizer for the lawn and garden, containing all of the fertilizing elements except nitrogen. If used on the lawn at the rate of a ton or more per acre as a first application, an annual dressing of three hundred pounds afterwards will insure a thrifty growth of dark color, exemption from ill effects of dry weather and freedom from weeds. It is also very beneficial to vegetable and field crops, and especially recommended to Cabbage and Onion Growers. **Price:** 1000 lbs., \$8.00; 500 lbs., \$4.25; 100 lbs., \$1.00; 50 lbs., 65c.; 25 lbs., 35c.

### GYPSUM OR LAND PLASTER.

This is still used as a fertilizer for grass and we can supply it at \$12.00 per ton; \$6.50 per 1000 lbs.; \$3.50 per 500 lbs.; 90c. per 100 lbs.

### TOBACCO DUST.

This contains some of the elements that induce the growth of grass and is a real good fertilizer for that purpose. 100 lbs., \$2.00; 50 lbs., \$1.15; 25 lbs., 65c.; 10 lbs., 30c.





## GREENHOUSE AND HARDY

# PLANTS

**T**O KEEP PACE with the rapid increase in our plant sales, we have added or rebuilt and enlarged our plant growing capacity each year. This season we have doubled our storage capacity for dormant roses, shrubs and climbers. Our facilities for growing, storing and shipping these classes of plants are hardly excelled by any establishment. While the following pages emphasize the wide range of plants we handle, we wish especially to emphasize the foremost position we hold as growers of Cannas and Geraniums. The best assortment and best grown plants ever offered. Most useful and most beautiful classes of bedding plants for all localities and all home grounds. Your orders for these are well placed in our hands.

## OUR PREMIUM OFFER ON BULBS AND PLANTS

We will allow our customers who remit with their orders from this catalogue **A DISCOUNT OF 10 PER CENT** to be added to the aggregate amount of the order for Plants and Bulbs. For instance:

A \$1.00 remittance is entitled to 10 per cent premium (10c.), thus permitting a selection to value.....	\$1.10
A 2.50 " " " 10 " " (25c.), " " " " " " " " " " " "	2.75
A 5.00 " " " 10 " " (50c.), " " " " " " " " " " " "	5.50
A 10.00 " " " 10 " " (\$1.00), " " " " " " " " " " " "	11.00

It must be expressly understood, however, that premiums must be selected **at the time of ordering**, and also that premiums can only be allowed on the above-mentioned articles viz.: **Bulbs and Plants.**

**NOTICE.**—The premium rates apply **only to Plants and Bulbs** at price per single plant. Do not apply to collections, special offers, prices by dozen, fifty or one hundred rates, or to Fruit Trees, Ornamental Trees and Shrubs, or Small Fruits. For seed premium rates see first inside cover page.



## 8 Surprise Collections of Choice Greenhouse Plants

All orders for these Surprise Collections will be acknowledged and entered on our books as received. We shall commence sending out the same by **MAY 20th** and all will be sent within two or three days from date. We cannot send them out before the mentioned date. We cannot permit any changes in the composition of these collections nor in the time of delivery.

### SURPRISE

#### "CANNA" COLLECTION

This Collection Contains 8 Different Varieties of the New Ever-Blooming Cannas

**FOR 50c., PREPAID.**

Includes crimson, scarlet, yellow spotted, gilt edged, orange, bronzed-leaved, eight of the best large-flowering new kind, from our famous World's Fair Collection, one of the best in America.

### SURPRISE

#### "DAHLIA" COLLECTION

**10 FOR 50c., PREPAID.**

We will include in this collection ten Dahlias, selected from our grand collections of varieties. All different.

### SURPRISE

#### "ROSE" COLLECTION

This Collection Contains 10 Beautiful Ever-Blooming Roses

**FOR 50c., PREPAID.**

The varieties are all different colors and shades, such as are especially suited to constant flowering all Summer—only clean, healthy plants will be sent—if purchased singly these kinds would cost double.

### SURPRISE

#### "CARNATION" COLLECTION

10 Grand Carnations, all Different Shades and Colors

**FOR 50c., PREPAID.**

All of the best sorts, including some varieties from our Columbian set.

### SURPRISE

#### "GERANIUM" COLLECTION

10 Beautiful Geraniums

**FOR 50c., PREPAID.**

In this collection of this old-time favorite, now again so much in demand, we include new and choice sorts, with heads nearly as large as a Hydrangea. All colors, single, double and scented—all different.

### SURPRISE

#### "Chrysanthemum" Collection

10 Chrysanthemums, all Different and Distinct Sorts

**FOR 50c., PREPAID.**

This collection will be made up of the best sorts, only such as are listed elsewhere in this book.

**SURPRISE SHRUB COLLECTION.** Ready May 1st.

Ten Beautiful Hardy Shrubs for 50 Cents, by express only. This collection will include ten different kinds of shrubs of such sorts as we sell for 15 cents to 25 cents each.

**Surprise Hardy Perennial Collection.** Ready May 1st.

Ten Fine Hardy Plants for 50 Cents, by express only. Every one different and just what you want for your yard. Don't miss this grand offer.

**8 Beautiful Collections for \$3.00, by Express. Any Four Collections for \$1.75, Prepaid; by Express \$1.50**



## Vaughan's New Acalypha Bicolor Compacta

Originated at our Greenhouses, Western Springs, Ill., 1899. A most wonderful plant. It surpasses the finest Coleus or Begonia in the beautiful coloring of leaves, which are a bright green, margined with a wide, irregular band of lemon yellow, and having wide yellow bars running lengthwise of the leaf and also thickly dotted with yellow blotches. This is entirely distinct from all other Acalyphas and is a first class plant for greenhouse decoration; but its most important feature is its wonderful qualification for bedding, as it will stand bedding-out like a Coleus, in fact, in the sunniest places it produces the highest coloring. The leaves are large oval shaped, varying in size, the larger leaves measuring  $4\frac{1}{2}$  inches wide and 8 inches long. Habit of growth is compact, with free branching habit, rarely obtaining a height of over 12 to 18 inches, and will be indispensable for bordering when better known. Winning Gold Medal at Kansas City Flower Show for the best new plant of its kind.

Price, first size, each, 30c.; 12 for \$3.25; 100 for \$18.00. Second size, each, 50c.; 12 for \$5.00; 100 for \$30.00.

### ASPARAGUS OR LACE FERN.

(*Asparagus Plumosus Nanus*.) A beautiful plant, with bright green, gracefully arched foliage, surpassing Maidenhair Ferns in grace, delicacy of texture and richness of color. The fronds are twelve to fifteen inches in length and taper to a point from a width of twelve inches. One of the most beautiful decorative plants. Each 15c.; 4 for 50c.; 12 for \$1.20; postpaid. Larger plants, each, 25c., 50c., 75c., and \$1.00, by express.

### ORNAMENTAL ASPARAGUS.

(*Asparagus Sprengeri*.) Perhaps the best known plant introduced in years. Especially useful to grow as a pot plant for decorative purposes or for planting in ferneries or suspended baskets. It grows free the whole year round. As it withstands dry atmosphere it makes an excellent house plant. A vigorous grower, producing sprays four to five feet long of fresh green feathery foliage. Strong plants, 15c.; 4 for 50c.; 12 for \$1.20. Large bushy plants, 25c. and 50c. each. Hanging baskets, 6 inches in diameter with sprays 10 to 15 inches long; each \$1.00, by express.

### ASPARAGUS TENUISSIMUS.

Very fine filmy foliage. A handsome climbing plant for the window or pots. 15c. each; 12 for \$1.00. One each of the three Asparagus for 40c.; 12 for \$1.00, postpaid.

### ASPIDISTRA.

(*Variegata*.) As popular as a palm for house decoration. The leaves are 10 to 18 in. long, beautifully splashed and striped cream white. One of the few plants that seem to thrive in the hot air of the living room. Each, 25c.; large plants, each, 75c., and \$1.00, by express.



THURSTONI.

### BEGONIAS — Flowering Varieties.

Price, except noted, each, 10c. The 5 for 50c., postpaid.

**THURSTONI.**—A beautiful, stately plant, with remarkably handsome foliage. Flowers, rosy-white, in large clusters.

**MANICATA AUREA.**—Heavy, waxy leaves, blotched and marbled with a rich, golden cream, with a clear pink etching. Each, 20c.

**ERFORDIA.**—It is continually covered with clusters of rosy-salmon flowers. An excellent variety for bedding.

**RUBRA.**—One of the finest shrubby Begonias in cultivation; has dark, glossy green leaves; scarlet flowers produced in abundance; stout, upright habit.

**M. DE LESSEPS.**—Purplish bronze leaves with silver dots all over the surface. A grand pot plant with exceedingly handsome sprays of pinkish flowers.



ACALYPHA BICOLOR COMPACTA.

### ABUTILON. Flowering Maples.

(*Abutilon Savisti*.) This is one of the most beautiful variegated foliage plants both for the house and outdoors. The leaves are white and green and in some cases are entirely white. It is of dwarf, compact growth and thrives well outdoors. Each, 15c.; 5 for 60c., postpaid.

**ABUTILON MCKINLEY.**—Plants dwarf and short jointed, producing exquisite large cupped blossoms by the score all summer. Color, a beautiful clear lemon yellow. Each, 20c.; 12 for \$2.00.

**BOULE DE NEIGE.**—White flowers. Plant dwarf. Blooms very freely. 10c. each.

**Special Offer No. 301.**—One each of the above three Abutilon for 40c., postpaid.



ASPARAGUS PLUMOSUS NANUS.

### AGERATUM — STELLA GURNEY.

The most beautiful of all Ageratums, of dwarf, bushy habit, never attaining over 6 to 8 in. in height. It is extremely free blooming, the individual tufts are very large and dense; the color is an intense blue, the most beautiful ever seen in Ageratums.

**AGERATUM—PRINCESS PAULINE.**—A most distinct and novel variety of dwarf habit, its peculiarity being that both colors, light blue and white, are combined in the same flower.

**AGERATUM—LOUIS BONNETT.**—Of dwarf, compact growth, covered the entire summer with pure white flowers.

Price for any one, 10c. each; 12 for \$1.00; 100 for \$5.00, by express.

## BEGONIAS

### NEW BEGONIA — GLOIRE DE LORRAINE.

This is undoubtedly the grandest and most beautiful of all flowering Begonias ever produced. It grows from 12 to 18 inches high, forming naturally graceful bushy specimens, and is continually loaded with bright pink flowers in large clusters from October until Summer. Strong plants, each, 25c.; 12 for \$2.50.



LOUISE CLOSSON

### BEGONIAS — Rex Varieties.

Price, each, 15c.; the 5 for 60c., postpaid.

**BERTHA MCGREGOR.**—Leaf long, pointed, with deep notches; the body of the leaf being solid silver, outlined with bronze.

**LOUISE CLOSSON.**—One of the richest and most beautiful of the Rex family. The coloring is simply magnificent, center of leaf deep bronze, with a broad band of silvery rose, edged bronze and spotted rose.

**MME. LE BOUCQ.**—A very distinct variety, having the entire leaf of soft rose mauve color, with very high silky texture.

**MAGNIFICA.**—One of the finest and largest leaved of the Rex family. The leaf is silvery with beautiful markings; no pen description can do it justice.

**BEAUTY OF RICHMOND.**—A very fine variety, having large dark bronze-colored leaves.





MRS. POTTER PALMER.

Color, soft scarlet; large size flowers; high built center, perfectly round and full; borne on stiff stems 2½ feet long. Very fine flowering.

## Carnations

VAUGHAN'S  
NOVELTY SET

The new carnations are the most popular, beautiful and durable cut flowers for personal wear and for decorations. The mammoth new ones are giant in size, some 3½ inches across. Beautiful in coloring, perfect in form and shape of flower. Strong stems, free blooming and fragrant; useful for every occasion. The best carnations rival the best new roses in popularity.

Price, each, 20c.; any 6 for \$1.00; 12 for \$1.50, by express.

SPECIAL OFFER. One each of the five Novelty Carnations for only 75c., postpaid.

### CRESSBROOK.

The color is a true, bright pink; flowers are full and double. Very fragrant. 3-3½ inches in size.

### GOLDEN BEAUTY.

A beautiful clear lemon yellow, slightly tipped with pink. Flowers extra size and fragrant. Produces fine three inch blooms, well filled and with high centers on long stems. This is the finest of all yellow carnations.

### APOLLO.

The flowers are a brilliant scarlet of large size; stems two feet long and hold the flower erect. Strong clove fragrance.

### MRS. HIGINBOTHAM.

The flower is a beautiful light salmon pink; very round full flowers, 3½ inches in diameter; very fragrant; extremely early and continuous bloomer. Calyx never bursts. Stems, 2 to 2½ feet long.

### VIOLA ALLEN.

A clear porcelain white, delicately splashed and edged with pure, clear rose pink. Very fragrant. A truly grand variety.

## Vaughan's Columbian Set of Carnations

SIX BEST AND MOST DISTINCT SORTS FOR 1903.

Each, 15 Cents; any 2 for 25 Cents, Postpaid.

**MRS. THOS. W. LAWSON.** This is without a doubt the largest Pink Carnation at the present time. The flowers measure over 3½ inches in diameter. The color is a beautiful deep pink. The originator of this grand carnation was paid \$30,000 for the original stock, the highest price ever paid for a plant novelty in this country.

**GOVERNOR ROOSEVELT.** A brilliant scarlet, heavily shaded with maroon; flowers, 3 to 3½ inches in diameter. A vigorous, healthy grower, the stems reaching 2½ to 3 feet and holding the flowers very erect.

**NORWAY.** We believe this to be the very best White Carnation for all purposes. It is a strong grower and free bloomer, coming into flower early. In color it is purest white, 2½ to 3 inches in diameter; delightfully fragrant.

### Six Grand New Coleus

Price, each, 10c.; doz., \$1.00; per 100, \$8.00; the set of six, one of each, 50c.

**Dewey.** Wide pointed leaves of a deep maroon, with a wedge of bright crimson, making the brightest show bedded out in the hot sun of any variety we know of.

**Mrs. P. Sander.** A most distinct variety. Large, creamy white center, evenly bordered green, both center and edge beautifully blotched crimson and purple.

**Dr. Toss.** Enormous leaves like a Rex Begonia, but more exquisitely colored, being a blending of yellow and crimson, pink, green, etc.

**Beck with Gem.** A beautiful fancy variety with large leaves. Center of leaves, crimson and scarlet; the edges green; very fine.

**John Rogers.** A fine combination of old gold and pea green; retaining its rich color in the hottest sun.

**Milfontana.** A grand, dark leaved sort of bushy compact habit; the rich, purplish, velvety crimson leaves making a grand effect when massed.

**BEDDING COLEUS IN VARIETY.** Per dozen, 75c.; 50 by express, \$2.00; per 100, \$3.75.

### Cobaea Scandens

One of the best and most rapid growing annual vines for porches, trellises, etc. One plant will soon cover 40 feet of surface. Each, 15c.; 2 for 25c.; doz., \$1.50. Extra large plants, by express, at buyer's expense, 35c.; doz., \$3.50.

### Umbrella Plant.

(*Cyperus Alternifolius*.) As decorative as a palm; thrives excellently in soil or water. Hardy; useful and beautiful window plant for all seasons. Each, 15c.; extra size, 50c.



GIANT FLOWERING CALADIUM.

## NEW GIANT FLOWERING CALADIUM

In general appearance this plant somewhat resembles the common Caladium (*C. Esculentum*), but is entirely distinct, being much larger and grander, and vastly superior in every way. The flower resembles a giant Calla and remains open three days and nights; first two days it is of the purest snow-white, the third day it changes to a pale yellow. It is of the easiest culture, enduring adverse conditions well, and the leaves attain a great size even in small pots. Give it rich soil, the richer the better, and plenty of water. The plant can be taken up in the Fall and wintered in the house or cellar.

PRICE—Strong, well-rooted plants: First size, each, 20c.; 3 for 50c.; 12 for \$1.75. Large plants from 4-inch pots, each, 50c.; 3 for \$1.25; 12 for \$4.00, by express. Mammoth size, 7-inch pots, each, \$2.00; 6 for \$10.00.

### GALLAS

**True Little Gem, or Miniature.** The plant is a miniature form of the old-fashioned Calla. A full-grown specimen stands only eight or ten inches high, and is rarely without flowers. 15c.; 2 for 25c.

**Spotted Leaf Calla.** Green foliage marked and dotted with numerous white spots. The flowers are pure white, with dark throat. Makes an exceedingly valuable decorative plant bedded out in the Summer. Each, 15c.; 2 for 25c.

**Ethiopica.** The well-known white Calla Lily. Each, 15c.

VAUGHAN'S CALLA COLLECTION. One each of above, 40c., postpaid.

## Fancy Variegated-Leaved Caladiums

For window boxes, house or greenhouse growing, this is one of the most decorative plants. Their leaves, handsomer than Begonias, are spotted, marbled, veined and striped with white, pink and dark red. These bulbs, though comparatively rare, are easily grown, and their handsome foliage is much admired. Bulbs should be started into growth in a warm place.

Each, 20c.; 3 new varieties, 50c.; 7 for \$1.00, postpaid; 25 for \$3.00.



FANCY LEAVED CALADIUMS.





ESTELLE.

## CHRYSANTHEMUMS

### Vaughan's Novelty Set for 1903

Price, each, 20c.; or the Set of 6 for \$1.00, postpaid, with Pamphlet on Culture.

**Omega.** This we consider the best early yellow. Can be cut October 10th, blooms measuring 8 inches in diameter. Long broad petals; color deep shade of yellow.

**Mrs. F. J. Taggart.** The most pleasing shade of yellow yet produced. Very large reflex flowers with long flat petals.

**Mrs. W. B. Chamberlain.** Outer petals drooping, center incurving, forming a bloom of largest size. Color a lovely shade of pink.

**Estelle.** Extra sized flowers of the purest white; fine deep form with fine stems and foliage; very early, can be cut October 5th. An ideal pot plant.

**Marian Newell.** (New.) Flowers of extra size, measuring 9 inches in diameter. Reflexed variety, with large, wide petals. Color almost a true pink. Awarded first prize at Kansas City Flower Show as best new pink Chrysanthemum.

**Timothy Eaton.** This is the largest globular incurved White Chrysanthemum yet introduced, flowers measuring 25 inches in circumference. Awarded first prize at every flower show last fall as the largest and finest of white chrysanthemums. The stems are strong and stiff, holding the immense flowers erect.

### New Chrysanthemum, Golden Chain, or Climbing Chrysanthemum

The plants grow to a height of 8 feet, with proper cultivation. The plant that we exhibited in the Chicago Flower show in November was 8 feet high and 8 feet through, and having upwards of 1000 golden yellow flowers. The flowers are small and single, about one inch in diameter, each branch being literally covered from end to end with these small flowers. It makes a grand show. Another great feature of this plant is that it continues to bloom up to April. We offer a limited quantity of plants for sale for April 1st, each 50c.; 3 for \$1.00; 12 for \$3.00.

### Chrysanthemum Set for Pot Culture

The following list is a selection from over one hundred sorts, and embraces the best sorts for pot culture.

Each 10c.; any 7 for 50c.; or the set of 15 for \$1.00, postpaid.

**Chito.** Perfect ball of petals, striped red and yellow.

**Col. D. Appleton.** Japanese incurved, bright yellow of great depth and solid build.

**Enfant des Deux Mondes.** A creamy white hairy variety.

**Golden Hair.** Bright yellow, petals covered with spines.

**Geo. W. Childs.** The best bright red for all purposes. Fine.

**Intensity.** Reflexed bright crimson flowers of large size.

**Ivory.** Ball shaped flowers of a pure white.

**Louis Bochner.** Large flowers of a silvery pink, covered with spines.

**Mrs. T. L. Parks.** Large high built flowers of a deep yellow.

**Mrs. Jerome Jones.** Large incurved, pure white. One of the best.

**Major Bonaffon.** A grand high built flower, lemon yellow.

**Mrs. Perrin.** Large incurved flowers of a pure satiny pink.

**May Foster.** A Chinese variety; large pure white flowers.

**W. G. Chadwick.** Large noble incurved flowers, creamy white.

**Yanariva.** Immense flowers, delicate blush, deepening at the center.

### Three Grand Fuchsias

For 25c, postpaid.

**Black Prince.** The habit is vigorous with large flowers; corolla dark amaranth red, single; sepals carmine.

**Marengo.** Flowers are in large drooping clusters; tube and sepals bright rosy scarlet.

**Gloire Des Marches.** The finest of all double white Fuchsias. Remarkably free flowering.

Each 10c.; 1 each of the above 3 Fuchsias for 25c.



### FARFUGIUM GRANDE, OR LEOPARD PLANT.

The leaves become immense, clear bright green, blotched with golden yellow. We recommend it as one of the best house plants.

Each 25c., postpaid; large size each 50c., by express.

## FERNS

**New Sword Fern, Piersoni.** Beautiful broad plume-like fronds measuring 6 in. across and 3 ft. long when fully developed. Each \$1.00.

### COLLECTION OF BEST FERNS FOR HOUSE CULTURE.

Each, 15c.; any 2 for 25c.; or the 5 for 50c., postpaid.

**Cyrtomium Falcatum (Holly Fern).** One of the most desirable Ferns for house use; thick, dark green leaves.

**Pteris Alba Lineata.** A pretty and useful variegated variety, white and green stripes.

**Pteris Wimsettii.** Fine for Fern pans and house use; finely crested.

**Pteris Serrulata Cristata.** Dwarf and bushy; fine graceful foliage.

**Maiden Hair.** A very graceful Fern and easily grown.

### The Boston Fern NEPHROLEPIS BOSTONIENSIS.

This is a wonderfully healthy, rapid growing and graceful house plant. It has been in great demand everywhere. Many people have bought it in preference to the finest Palms or Rubber Plants. Its long, broad fronds are more graceful than the old Sword Fern and seem to grow faster. Thrives in all rooms; gas or furnace heat does not seem to injure it. Fronds are often six to seven feet long, a 4-inch plant increasing to 10-inch size in a year, besides making many new offshoots. A good sized plant contains from 20 to 40 fronds, and the fresh ones continually coming out with new growth are very beautiful. We have three large greenhouses devoted to it in various sizes. Best of all for hanging baskets. Our plants are all well established in pots, not weak runners torn loose from soil.

Price, 1st size, each, 2 1/2 in. pots,	15c.; 3 for 40c.; 12 for \$1.50	
" 2d " " 3 " "	25c.; 3 " 60c.; 12 " 2.00	Prepaid.
" 3d " " 4 " "	50c.; 2 " 75c.; 12 " 4.00	
" 4th " " 5 " "	bushy plants.....	.75 By express,
" 5th " " 6 " "	extra large and full....	1.00 at buyer's
" 6th " " 7 " "	fine plants.....	2.00 expense.

Specimen plants, like cut, each \$5.00 to \$8.00.

**New Sword Fern, Anna Foster.** A much finer foliage than the Boston Fern and is quicker in growth. Each 50c.; dozen \$5.00.



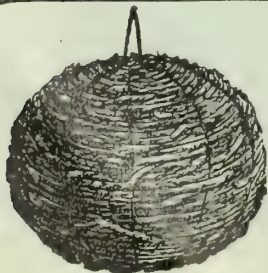
BOSTON FERN.

### "Mikado" Fern Ball

IMPORTED FROM JAPAN.

These balls consist of Fern Roots about the size of a pencil, woven outside and around a ball of moss. These roots produce beautiful sprays of ferns from eyes, or buds, at nearly every inch of their length. Thus the whole surface of the ball soon becomes covered with fern sprays. They may be suspended in any part of the room or grown on a stand or table.

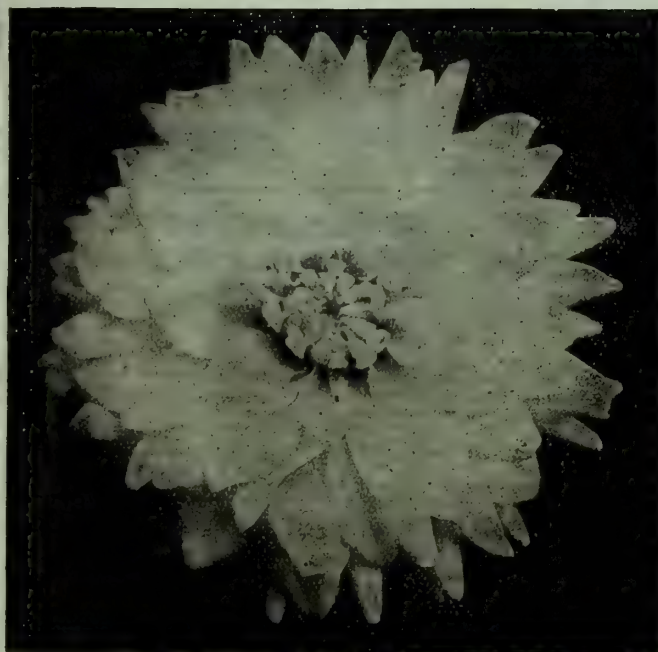
We offer two sizes; 8 inch dormant Balls, each 75c.; 3 for \$2.00; 1 doz. \$7.00, all prepaid. 5 inches in diameter, each 50c.; 3 for \$1.35; 12 for \$5.00, all prepaid.



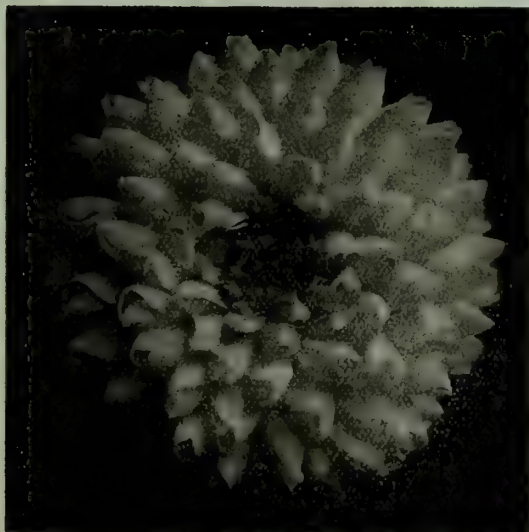




COUNTESS OF LONSDALE.



MRS. WINTERS.



GRAND DUKE ALEXIS.

# DAHLIAS

Old friends are best, so we find this one becoming again a great favorite everywhere. We have carefully revised our list, and the collection of various types offered is the cream of over 200 varieties, selected after critical examination of those kinds which are all early and free flowering.

## Seven Grand New Cactus Dahlias

The collection offered below are all of the true new cactus form. The petals of this class are very long, pointed and beautifully twisted. This type is the most popular at the present day and have much to commend them, combining the grace of the single varieties and without the stiff formality of the double show sorts.

Price, each, 20c.; doz., \$2.00. The set of seven (7) Cactus Dahlias for \$1.00, postpaid. Large field roots, each, 35c.; 3 for \$1.00, by express.

**COUNTESS OF LONSDALE.**—The most profuse blooms among the cactus varieties and one of the very best. The flowers are borne on long stiff stems and one of the first to come into flower. Color, a delicate apricot, shading toward the edges of the petals to carmine pink.

**MATCHLESS.**—A grand variety. It is dwarf and branching, strong and vigorous. The flowers are large, rich, glistening crimson, overlaid dark velvety maroon. An extremely early and profuse bloomer.

**MRS. FRANCES FELL.**—A tall grower, producing an abundance of large flowers, early, on long stems. Color, creamy white.

**FIREBRAND.**—Beautiful flowers of a dazzling scarlet; the brightest and most showy of all Dahlias. Early and continuous bloomers.

**EARL OF PEMBROKE.**—Bright plum, deeper and more velvety towards the center. One of the best for cutting purposes.

**JOHN H. ROACH.**—Of medium size; full and perfect form, with pointed petal. The finest pure yellow cactus Dahlia to date.

**AEGIR.**—Large full flowers of a rich cardinal red; long stems entirely distinct.

**GRAND DUKE ALEXIS.** Large massive flowers, beautifully quilled. Color, ivory white with a faint tinge of rose at the tops of the petals. Each, 20c.; 3 for 50c.; 12 for \$2.00.

**MRS. WINTERS.** The very best pure white Dahlia to date. Flowers are 5 to 7 inches in diameter. Each, 40c.; doz., \$4.00.

**20th CENTURY.** The new single Orchid Flowered Dahlia. Flowers 5 to 6 inches in diameter. The color is intense rosy crimson with white tips and white disc around the yellow center. A blending of colors reminding one of the delicate tracing of some of the orchids. Price, each, 50c.; 12 for \$5.00.

**Special Offer No. 308.** One each of Dahlia Grand Duke Alexis, Mrs. Winters, and 20th Century for \$1.00, by mail, postpaid.

## Decorative Dahlias

This class is the large flowering Dahlia with long flat petals and irregular, being very useful for decorative purposes.

Each, 15c.; doz., \$1.50; the set of 12 for \$1.50, by mail.

Large undivided field roots, each, 25c.; doz., \$2.50, by express.

**A. D. LIVONI.**—Beautiful clear pink of perfect form. A profuse bloomer.

**BONNARD'S YELLOW.**—Extra large flowering of a deep yellow. Fine for cutting.

**CLIFFORD W. BRUTTON.**—Extra large flowering of a bright golden yellow. Very early.

**CAMELIAFLORA.**—Pure white, thick Camelia-like petals. Very fine and large.

**FLORAL PARK JEWEL.**—Deep maroon to blush white are produced on the same plant.

**GEM.**—Deep crimson. Very double and a good bloomer. Large flowers; dwarf habit.

**LYNDHURST.**—Brilliant fiery scarlet. Fine for cutting. Distinct from all others.

**MISS THATCHER.**—Best golden yellow Dahlia in cultivation. Large quilled flowers.

**MRS. GLADSTONE.**—Delicate shell pink, extra fine. Early and profuse bloomer.

**NYMPHÆA.**—A double light pink, with broad petals. Long stems; fine to cut.

**PRES. FELIX FAURE.**—Broad thick petals. Color, deep purplish crimson. Extra fine.

**RED HEAD.**—Large double bright scarlet; very fine. Height, 3 feet.

## Pompon Dahlias

This class of Dahlias is fine for cut flowers as they bloom more freely than the large flowered sorts. Each, 15c. The collection of 4 for 50c., postpaid.

**ELFIN.**—Pale primrose, changing to white; dainty. Commencing to bloom early.

**ELEGANTE.**—Soft pink, tipped with deep pink. Fine for bouquets.

**SNOW CLAD.**—The finest of all white Pompons. Comes with long stems.

**LA PETITE BARBARA.**—Beautifully quilled. Pure white. Distinct from all others.

**Special Offer No. 309.**—One each of the 3 Dahlias illustrated on this page for 55c., postpaid.



## Novelty Geraniums

**E. H. TREGO.** This is the best scarlet Geranium yet produced. We have tested this variety for the past year and can truly say it is the largest flower and brightest scarlet geranium we have yet seen, and that it cannot be excelled for bedding purposes. The color is a deep scarlet of exquisite shade; the florets are regular in form, more than semi-double, and about two and a half inches in diameter. Trusses, enormously large on long stems. Foliage and habit are all that could be desired.

**LITTLE PINK.** This is of the dwarf type, never growing over six to eight inches in height and literally covering itself all Summer with trusses of double, deep pink flowers. Just the plant for borders.

**NEW DAZZLER.** A grand single bedder producing enormous full trusses, composed of immense round undivided florets, measuring two and one-quarter inches in diameter. The color is a most dazzling shade of scarlet.

**SUMMER QUEEN.** One of the prettiest Geraniums we have ever seen. The color is pure white, with a narrow band of deep pink on edge and under side of the florets, which are of the largest size on immense trusses.

**PASTEUR.** Large semi-double florets of a brilliant orange-scarlet. Habit, dwarf and vigorous, exceptionally free in bloom.

**JEAN VIAUD.** The best of all semi-double pink Geraniums. A pure Bruant of enormous size. Stands rain or drought and is a perfect mass of bright pink all Summer. The flower trusses are as large as Hydrangea heads.

PRICE, each 20c.; or the set of six for \$1.00, postpaid; any 25 by express for \$3.00.

### 12 Best Double Geraniums

Each, 10c.; dozen, \$1.00, postpaid; 100 for \$6.00, by express.

**Alphonse Ricard.** Bruant, semi-double flowers of a brilliant shade of orange-red. Fine bedder.

**Beaute Poitevine.** Bruant, semi-double type. Immense sized trusses, beautiful shade of pink. Free bloomer.

**Double New Life.** The outer florets are brilliant red. In the center of these appears another semi-double floret, pure white in color, effecting a very charming contrast, difficult to realize unless seen, and having the appearance of being produced artificially.

**Dr. Beaumentz.** Double; a robust free-flowering variety; brilliant scarlet flowers.

**Heteranthe.** Semi-double; soft scarlet; a very fine bedder.

**J. J. Harrison.** Semi-double; of vigorous growth and free-blooming. The color is an admirable vivid scarlet.

**Kleber.** Large trusses. Color, a deep, violet-crimson, very brilliant and attractive, and one of the very best bloomers.

**Mrs. Frances Perkins.** An extra fine double; deep pink. One of the best Summer bloomers.

**Mad. Jaulin.** Very large florets, center of flower very delicate pink, bordered with pure white.

**Mad. Rosain.** The best of the double whites; unequalled for abundance of flowers.

**Mary Hill.** Forming large trusses of semi-double clear rose-pink flowers; one of the best.

**S. A. Nutt.** Double; rich, dark crimson; large size trusses.

**Double Geranium Collection.** One each of the above 12 Geraniums for \$1.00, by mail postpaid.

### 8 Best Single Geraniums

Each, 10c.; dozen, \$1.00, postpaid.

**Columbia.** Trusses as large as Hydrangeas and of a high scarlet of dazzling brightness. If you want a mass of scarlet, this is the one to plant.

**L'Aube.** Enormous trusses; large, single, round florets, pure, snow-white.

**Mad. Hoste.** Single; soft rosy scarlet, with large white eye, circular florets.

**Mrs. A. Blanc.** Bruant; the best bedder in the single salmon section. Immense trusses.

**Mad. de la Roux.** Single; center of petals is a soft, light salmon, bordered deep rose.

**Mad. Bruant.** A grand single variety, wholly distinct; white veined with carmine-lake.

**Pierre Le Brun.** Aureole type; scarlet white and pink blotched. Very fine.

**Queen of the West.** Single. This grand scarlet is truly a queen.

**Single Geranium Collection.** One each of the above eight Geraniums for 65 cents, by mail postpaid.

**Special Offer No. 300** The two collections, making twenty grand Geraniums, all different, for \$1.50, postpaid.



### Pansy Geranium

This new and beautiful Pelargonium is of easiest growth dwarf in habit, and literally covered with flowers all the time; and as it requires little or no attention, it is invaluable as a window plant. The coloring and marking of the flowers are most extraordinary; light pink, white, dark purple, black, etc., almost rivaling the Pansy in uniqueness of flower. It is this combination of coloring which obtained for it the popular name of Pansy Geranium. Strong plants. 20c. each; 3 for 50c.

### Pelargonium Lady Washington Geranium

Grand old favorites; showiest mass of bloom produced of any soft-wooded plants that we have. This class is well known to all our readers, but the new varieties are as much in advance of older kinds as those were over the earliest sorts.

**Surprise.** Large black blotches on upper petals, which have a fiery red edge, surrounded with broad white band, with bright red spot in center.

**Mrs. Robert Sandiford.** Flowers large size, well doubled, beautifully ruffled and of glistening snow-white color.

**Madame Thibaut.** White, richly blotched and marbled with rose; immense trusses of large, fine flowers.

Each, 20c.; the three Pelargoniums for 50c.

### Aromatic-Scented Geraniums

**Apple Scented.** Very fragrant.  
**"Skeleton Leaf."** Rose scented.  
**Rose Scented.** Large foliage.

Scented Geranium Set.  
These three sorts for 25 cents, postpaid.



NEW SILVER-LEAVED GERANIUM—WM. LANGGUTH.

### Variegated-Leaved Geraniums

**William Langguth.** The New Silver-Leaved Geranium. The plant is of short stocky growth, beautiful deep green foliage with broad, pure snow-white band. Most free-flowering of all its class. Flowers, double, bright red; large, extra filled out blooms, rising from the white colored foliage quite magnificently. 20c.; 3 for 50c.

**Mad. Sallerioi.** Small green leaves, tinted with white. Each, 10c.

**Mrs. Pollock.** (GOLDEN TRI-COLOR.) Bronze-scarlet zone. 15c.

**Mountain of Snow.** One of the best of the silver-edged sorts. 10c.

**Variegated Geranium Set.** The above four for 50c., postpaid.

### Ivy-Leaved Geraniums

Unless noted, each 10c.; the six for 65c., postpaid.

**Leopard.** This is the most distinct novelty in the ivy-leaved section yet originated. The flower is large, semi-double. The color is remarkable, being fully as rich and distinct as an orchid. The ground is a clear lilac-pink, the upper petals being heavily blotched with deep crimson and usually marked with distinct maroon dots. Each, 25c.; 3 for 60c.; 12 for \$2.25, postpaid.

**Souv. de Chas. Turner.** Light scarlet; double.

**Beauty of Jersey.** Pink, very bright and double.

**Joan of Arc.** The only double white ivy geranium.

**P. Crozy.** Soft, bright scarlet, with veinings.

**Gen. Championnet.** Double; bright scarlet flowers.

### Hydrangeas

**Mariesii.** New; especially remarkable for the large size and distinct color, which is light pink, tinted with mauve. Each, 25c.; dozen, \$2.00.

**Otaksa.** Deep, rosy pink; vigorous grower; nearly hardy; strong plants.

**Red Branched.** The new growth of wood is a deep red color; flowers of light cherry shade, produced in immense trusses.

**Thos. Hogg.** A pure white variety, with trusses of flowers fifteen inches in diameter.

Each, unless noted, 15c.; dozen, \$1.25; the set of four Hydrangeas for 60c. Extra strong 2 year old plants, each 50c.; the set of four for \$1.75, by express.





HIBISCUS PEACHBLOW.

### HIBISCUS.

**New Pink Hibiscus "Peachblow."**—This is one of the finest free flowering plant novelties offered in recent years. The flowers are double and from 4 to 5 inches in diameter; of a charming, rich, clear pink color, with a small deep crimson center; an entirely new and most beautiful shade; it blooms abundantly and continuously even on small plants during the entire summer and winter months. We offer strong, well-rooted plants, each, 15c.; 3 for 40c.; doz., \$1.25, prepaid.

**Minetatus.**—As gorgeous and fine as the best Paeony and fully as large; very double vermillion scarlet flowers.

**Versicolor.**—Large flowers, striped crimson; rose and white.

**Collierii.**—Flowers buff yellow, with a crimson scarlet base.

Each, except noted, 10c.; the 4 sorts for 40c.; doz., \$1.00.

### HELIOTROPES.

Each, 10c.; 3 for 25c.

**Mad. Bussy.**—Dwarf growing variety, with enormous panicles of dark velvety violet bloom.

**Mad. Bruant.**—A fine companion for the above. Deep indigo blue, with white eye.

**White Lady.**—The best of the light varieties.

### New Impatiens Platypetala

This novelty is entirely new and distinct from all other Impatiens. The color is a pure snow white with a crimson spot, like a drop of blood, in the center. Always in bloom and a good grower. Each, 20c.; 3 for 50c.



WEeping LANTANA.

### Beautiful Weeping Lantana.

One of the few plants that cannot be too highly recommended. The plant is of very rapid growth, and graceful drooping habit, producing a cluster of flowers at each leaf. The flowers are most delicate, clear, brilliant rosy-lilac color. To procure quick results, a half dozen or more plants should be planted in a hanging basket, although a very pretty plant can be grown from a single plant. Price, each, 10c.; 3 for 25c.; 7 for 50c.; 15 for \$1.00, postpaid.

### American Wonder Lemon.

In this wonderful lemon we have the rich, glossy leaves like dwarf Orange. Its blossoms are waxy white, like a Tuberose, and as fragrant as Orange blossoms, producing fruit five times as large as the ordinary lemon. The Wonder Lemon must take a place in every good collection of house plants. Price, prepaid, 1st size, each, 20c.; 3 for 50c. Large Plants, 2nd size, each, 40c.; 3 for \$1.00.

### MINNEAPOLIS VINE.

(*Pilogyne Suavis.*)

If we call this one of the most satisfactory climbers, we are not saying one iota too much. The vines grow with marvelous rapidity, several inches every day, and are of the most graceful appearance. The flowers are small, white, and emit the very pleasing musk scent. Each, 15c.; 3 for 40c., postpaid. Large plants, each, 25c.; doz., \$2.50, by express.



AMERICAN WONDER LEMON.

### MOON FLOWERS.

Grow and bloom with everyone. If planted out in rich ground, where they have full exposure to the sun, they will attain a height of forty feet by October 15, blooming all Summer.

**Noctiflora.**—Flowers six inches, pure white.

**Leari.**—Flowers deep azure blue, four inches.

Each, 15c.; 2 for 25c. Large plants, each, 25c.

### MUSA ENSETE.

(*ÆGYPTIAN BANANA.*) A grand lawn plant of easiest cultivation in the open ground in Summer, or for the conservatory in Winter. Plants about 12 in. high, 35c.; plants 20 to 28 inches high, each, \$1.00, by express; large plants 4 to 5 feet high, each, \$5.00.

### PANDANUS UTILIS.

Like Veitchii, but with leaves of plain green. Each, 25c.; large size, each, 50c. and \$1.00.

### PANSY PLANTS.

Grown from seed of our Prize Medal International Strain. There are no better Pansies. These should always be sent by express. Dozen (not prepaid), 60c.; 25 for \$1.00; 50 for \$1.75; 100 for \$3.50.

### PRIMULA OBCONICA.

One of the most useful flowering plants, always completely covered with flowers of a soft lilac shade. Each, 10c.; 12 for \$1.00.



PETUNIA PURITY.

### PURITY.

**Grand New Double Petunia.**—The finest Petunia ever introduced. Strong, stocky grown, never needing any support; flowers monstrous in size; very double, finely fringed. The color is pure white. Strong plants, each, 15c.; 2 for 25c.; 12 for \$1.25; 100 for \$8.50.

**Petunia.**—Finest double sorts. Propagated from cuttings; pink, crimson and variegated. Each, 10c.; 3 for 25c.; doz., \$1.00.

### NEW SALVIA ST. LOUIS.

A great improvement over the old Salvia Splendens. Grows 2½ to 3 feet high, forming large bushy plants covered with immense flower spikes, 12 to 16 in. in length, of a vivid scarlet. Comes into flower early and continues until frost.

**Spotted Leaved.**—The most distinct feature of this novelty is its strikingly handsome spotted foliage. The leaves are covered with sulphur yellow spots of various sizes; flowers are bright scarlet and large size. Price of above two Salvias, each, 10c.; doz., \$1.00; 100, \$6.00.

### VIOLETS.

**Imperial.** Extra large, double, deep blue flowers, very fragrant, fine grower and bloomer.

**Prince of Wales.**—The grand single flowers are almost as large as pansies.

**Lady Hume Campbell.**—Perfectly double flowers, sky blue; very fragrant.

**Swanley White.**—Large, double, pure white flowers.

**Special Violet Collection.**—One plant each of the above four kinds for 35c.

## PALMS AND DECORATIVE PLANTS.

Prices are by Mail, Postage Included, Except those "by Express," which are Sent at Buyer's Expense.



LATANIA BORBONICA.

**LATANIA BORBONICA.** Of easy culture and rapid growth. Large broad, fan-shaped, glossy, dark green leaves. 10 inches high, each, 25c.; 15 inches high, each, 50c.; 20 inches high, each, \$1.00, by express.



ARECA LUTESCENS.

**ARECA LUTESCENS.** One of the most decorative plants, always graceful and artistic. Plants 10 inches high, each, 25c.; 15 inches high, each, 50c.; 2 feet high, \$1.50, by express.



KENTIA PALM.

**KENTIA PALM.** The most popular parlor Palm we grow. Hardy and rugged under all kinds of treatment. Plants 10 inches high, each, 50c.; 15 inches high, each, 75c.; 2 feet high, \$2.00, by express.



RUBBER TREE

**FICUS ELASTICA.** (*India Rubber Tree.*) The large, shining green leaves endure the dry air of a living room as well or better than any other plant. This is why everybody likes it. Our plants are very choice. Plants 1 foot high, each, 60c.; 18 inches high, each, \$1.00; 2 feet high, \$1.35; 2½ feet high, \$1.70; 3 feet high, \$2.00. Prices on Rubber trees are by express only.

**NORFOLK ISLAND PINE.** (*Avicaria Excelsa.*) This beautiful house plant resembles the pine somewhat in appearance, though much finer in texture. Plants 12 inches high, each, \$1.50; 14 inches, \$2.00; 18 inches, \$2.50.

**PANDANUS VEITCHII.** Leaves are light green, beautifully marked with broad stripes of pure white and gracefully curved. Each, 50c.; large plants 15 inches high, each, \$1.00; large plants from \$2.00 to \$5.00 each.



NORFOLK ISLAND PINE.



## Novelty Cannas

WE ARE more than pleased at the ever increasing popularity of the Canna. For a dozen years we have given this plant more prominence on our grounds and catalogues and its adoption in nearly every garden, both in town and country, is very gratifying. We have not ceased our efforts to advance this class of plants; each season VAUGHAN'S NOVELTY LIST shows what has been done in another twelve months on this grand ornamental plant. The descriptions of the new ones below are not exaggerated.

OUR  
CANNAS  
WERE  
AWARDED  
MEDALS AT  
OMAHA  
AND  
PAN-  
AMERICAN  
EXPOSITION



KING  
HUMBERT  
THE  
NEW GIANT  
CANNA

**Beaute des Marches.** Height 5 feet. Green foliage. A strong robust grower and free flowering Canna. The flowers are extra large and rounding, opening out flat. Color clear bright salmon pink. Each, 20c.; 3 for 50c.; 12 for \$2.00.

**Betsy Ross.** Height 2½ feet. Green foliage of compact bushy habit, throwing up an abundance of flower stalks well above the foliage. The flowers are large and the color is a beautiful soft pink, just the right shade you want in a pink Canna. Each, 20c.; 3 for 50c.; per doz., \$2.00.

**Black Beauty.** (True.) Awarded certificate of merit at the Pan-American Exposition. This is undoubtedly the finest dark-leaved Canna in existence. The broad tropical foliage is of the deepest crimson bronze, the young growth being fully as well colored as that of the finest *Dracaenas*. It is a splendid hardy grower, reaching 5 to 6 feet in height in rich soils. It does not stool rapidly and propagates rather slowly, as it seems to throw all of its strength into the development of its magnificent broad foliage. Wherever exhibited the past summer, this Canna won the praise of every person who viewed it. This is the finest of all Cannas for the centers of beds, or in any position where a tall-growing, dark-leaved plant is desired. If surrounded with brilliant flowering sorts, such as McKinley, Beaute Poitevine, Duke of Marlborough, or if planted against a background of bright green shrubbery, it produces a rich and striking contrast. The flowers are insignificant, but the foliage is superb. Each, 20c.; 3 for 50c.; 12 for \$2.00; 100 for \$15.00, by express.

**Brandywine.** Height 4 feet. Bronze foliage. The flowers are magnificent, and the large bunches almost cover the massive foliage, which is dark bronze with green veins. Color is an intense red dappled with deep crimson. Each, 20c.; 3 for 50c.; per doz., \$2.00.

**Buttercup.** Height 3½ feet. Green foliage. A true bright buttercup, yellow; large beautifully formed flower spikes. Stands unfavorable weather better than most any other kind and always shows up bright and clear. Each, 20c.; 3 for 50c.; per doz., \$2.00.

**David Harum.** (Our Seedling of 1898.) Height 3 to 3½ feet. Dark bronze foliage. Strong grower and one of the freest blooming Cannas we have ever seen. Flowers are of large size with well-rounded petals, good substance and not too compact. Color is a bright vermilion-scarlet dotted with crimson spots. Considered by experts to be one of the best Cannas at the Buffalo Exposition, and it was awarded a gold medal.

Price, Plants from 2½ inch pots, each 25c.; doz., \$2.50, postpaid. Per 100, \$18.00, by express, at buyer's expense.

Price, Plants from 3½ inch pots. Each, 40c.; doz., \$4.00, postpaid.

Price, Plants from 5 inch pots. Each, 50c.; doz., \$5.00, postpaid.

**King Humbert.** Grand New Canna. King Humbert. This grand Canna is a cross between the Crozy and the Orchid flowering class. The flowers are as large as the largest of the Orchid flowering Cannas, while the petals have the firmness of the Crozy varieties and it stands all kinds of weather to perfection. The flower is a bright orange scarlet streaked with crimson. The foliage is bronze with brownish green stripes, large, thick and leathery, in fact the finest foliage of all Cannas, combining the beautiful flower stalks with the grand foliage make an ideal Canna. The plant is an extra strong robust grower, height 4 feet. Exceedingly free flowering. Strong growing plants. Each, \$1.00; 3 for \$2.75; 12 for \$10.00.

**Mme. J. Aymard.** A new French Canna of this year. Height, 5 feet. Beautiful purple foliage, flower large, of a beautiful chrome yellow, passing into light pink and into white. An effective plant on account of its color which is entirely new; very free flowering and robust habit. Each, \$1.00; 6 for \$5.00.

**Mont Blanc.** Grand New White Canna. This magnificent New Canna is the result of many years of careful hybridizing, and we now have the pleasure of introducing the finest White Canna in commerce. **Mont Blanc** has a vigorous constitution and produces its large beautiful white flowers on strong branching stalks well above the foliage. It blooms early and continuously in the greatest profusion during the whole growing season until stopped by freezing weather. Its foliage is bright glossy green, very large and handsome, and so thick and leathery it is not often injured by rain or wind. It is a strong growing vigorous variety, and will produce from 15 to 20 flower stalks in a season. Its great masses of snowy white flowers contrast finely with the splendid crimson and pink varieties, making the most gorgeous and showy flower beds for the lawn or garden it is possible to have. Each, \$1.00; 6 for \$5.00.

**Montana.** Height 3 feet. Green foliage. Flowers are large and of a light cream color, turning to pure white with age. A strong grower, throwing up large flower spikes; stands wind and rain well. This is the only Canna of its color that we know of. Each, 25c.; 3 for 60c.; per doz., \$2.25.

**Mrs. C. W. Ward.** Height 3 feet. Green foliage. Color a brilliant crimson scarlet. The flowers are very large, sometimes almost semi-double and borne in large spikes. The habit is dwarf and compact, and the spikes stand well above the foliage. Each, 20c.; 3 for 60c.; 12 for \$2.00.

**Niagara.** Height 3 feet. Green foliage. Great handsome trusses, broad, thick durable petals; color rich deep crimson with a wide irregular border of deep golden yellow. Each, 20c.; doz., \$2.00.

**Papa Crozy.** A new French Canna of this year. Height 4-5 feet. Dark purplish bronze foliage, large and massive. The plant is a strong and vigorous grower, throwing up large flower stalks freely, with flowers of enormous size of a beautiful carmine red, almost always marbled with chrome yellow. This is the largest flower which we know in the genus Canna and will prove a sensational plant. Each, \$1.00; 6 for \$5.00.

**Papa Nardy.** New French Canna of this year. Height, 4 feet. Green foliage. A strong grower and free flowering habit; large rounding flowers of a beautiful purplish crimson. A great show when massed, on account of its attractive color and free flowering habit. A sensational plant. Each, \$1.00; 6 for \$5.00.

**Red Indian.** (Our Seedling.) Height 4 feet. Dark bronze leaf, strong, robust grower, sending up numerous flower stalks well above the foliage. Each stalk carries from five to six flowering spikes. Color deep scarlet, petals large and rounding. The bronze foliage and scarlet flowers make a grand contrasting effect. We know of no other Canna of this color in bronze leaf. Each, 30c.; 4 for \$1.00; 12 for \$2.50.

**Victory.** (Our Seedling of 1897.) Height 5 to 6 feet. Extra strong, robust grower, throwing up immense flower stalks, each stalk having from 7 to 9 flower spikes. The flowers are of the largest size, petals measuring 1½ inches and suggest a possible crossing of the Italian with the Crozy sorts. In color a bright orange scarlet, with fine crimson veins running lengthwise of the petal, and bordered with an irregular band of yellow. We know of no Canna to equal it. Gold medal awarded at the Buffalo Exposition. Each, 50c.; 6 for \$2.50; 12 for \$4.50, by express.





**DAVID HARUM—The Best of Red-Leaved Cannas.**

Our own seedling, which was awarded a Gold Medal at the Pan-American Exposition.  
Plants from 2½ inch pots. Each, 25c.; doz., \$2.50, postpaid; per 100, \$18.00,  
by express, at buyer's expense.

Plants from 3½ inch pots. Each, 40c.; dozen, \$4.00, postpaid.

Plants from 5 inch pots. Each, 50c.; dozen, \$5.00, postpaid.

Natural Size Leaf of

**ACALYPHA BICOLOR COMPACTA.**

Our New Bedding Plant.

Each, 30c.; dozen, \$3.25, postpaid; per 100, \$18.00,

by express.

Larger size, each, 50c.; dozen, \$5.00; per 100, \$30.00

For description, see page 78.

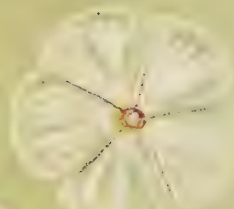




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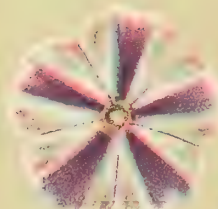
PEARL.



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ESCLARMONDE



CROSS OF HONOR.



CAMERON.



COQUELICOT.



## VAUGHAN'S Early Blooming HARDY PHLOX

These Phlox are the most satisfactory of all the hardy perennials; they bloom from July until frost, are hardy, easily managed, sweet scented and increase with age.

### PRICE—ANY OF ABOVE.

First Size (Pot grown plants): Each, 15c.; two for 25c.; doz., \$1.50, postpaid; per 100, by express, \$10.00.  
Second Size (One year old field roots): Each, 25c.; doz., \$2.50, postpaid; per 100, by express, \$15.00.  
Third Size (Two year old field clumps): Each, 50c.; doz., \$5.00, by express (at buyer's expense).

PHLOX COLLECTION, No. 1. One plant each (first size) of the above 8 kinds, \$1.00, postpaid.

PHLOX COLLECTION No. 2. One plant each (second size) of the above 8 kinds, \$1.50, postpaid.

PHLOX COLLECTION, No. 3. One clump each (third size) of the above 8 kinds, \$3.50, by express (at buyers expense)



## 15 CHOICE NEW CANNAS

Grand and effective summer bedders. They have constantly increased in popularity since our noted importations displayed at the World's Fair in 1893. Although we grew 10 acres, closely planted, we found ourselves once more unable to supply the demand last Spring. We have added the best new seedlings, pink, bronze, spotted and other rare colors. We spare no pains to make Vaughan's Cannas the best American collection. Please order early to be shipped about May 15th to 25th. The plants we send will be started into growth and ready to go ahead rapidly with warm weather. Plant out of doors about May 25th at Chicago or New York.

All Cannas on this page except where noted, each, 20c.; any 3 for 50c.; any 12 for \$1.50. If ordered by express at buyer's expense, per 100, \$10.00. Larger plants will be supplied at the same price.

**CHICAGO.** Two of the three expert Canna judges of the Society of American Florists pronounced this the best of all the red varieties; 5 feet, green foliage. The large flowers open out nearly flat; petals 1½ inches wide and five in number. The color is a clear, deep vermilion, smooth and without markings, except a purplish gloss. It comes into flower when quite small and continues to flower all summer. Flower stalks never look ragged.

**Chas. Molin.** Height, 3½ to 4 feet. Green foliage. Very vigorous grower, throwing up numerous flower spikes; individual flowers very large; color, coppery-rose, passing into light rose, marbled and dotted carmine.

**DWARF Florence Vaughan.** It is of uniform dwarf habit, never exceeding 3 feet, with broad, massive, dark-green leaves. An early and continuous bloomer. Color, rich golden-yellow, thickly dotted with bright red. It supplements that grand standard kind by repeating it in a dwarf growth.

**EGANDALE.** Height, 4½ feet. Considered by experts the best in this class. Purple foliage; strong, compact flower spikes; color, currant red. The finest bedding Canna of its color, because of its harmony of leaf and flower.

**Francois Reif.** Height, 3½ to 4 feet. Green foliage. Flowers large and rounded. Color a beautiful carmine rose.

**FLORENCE VAUGHAN.** The most famous of all Cannas. It still remains the best type of the New French Cannas. The flowers are rich golden yellow, thickly dotted with brightest red. Height, 5 feet. No Canna collection is complete without this perfect ever bloomer.

**Improved Stella Kanst.** Height, 4 feet. Green foliage. A strong grower, very early and free flowering. Large, strong, well formed flower spikes; petals wide and rounding, opening out flat. Color, pure orange.

**J. Aymard.** Height, 4½ to 5 feet. Green foliage; strong grower and free flowering; large, loosely formed flower heads; petals long and wide; color cerise pink.

**LEONARD VAUGHAN.** Height, 5 feet. Rich, deep bronze foliage. Very strong, robust grower; flowers freely, and well formed flower spikes show boldly above the foliage. Color, bright scarlet without markings, and with very wide petals, measuring 1½ inches. The best dark foliage, good flowering Canna to date.

**Mad. Alfred Blanc.** Height, 3 feet. Green foliage. Very large flower stalks; wide rounding petals; color, deep salmon with yellow shadings.

**Mad. Celestine Dubost.** Height, 4 feet. Green foliage. Long, medium sized petals forming in large trusses. Color, light satiny pink, spotted yellow—odd shade in Cannas.

**Mad. Louis Druz.** Height, 3 feet. Green foliage. Fine, compact flower heads; petals thick and heavy. Color bright scarlet with salmon throat.

**Martha Washington.** Height, 3 feet. Green foliage. Flowers very large; the trusses are immense, and the color is pure, bright rose; very beautiful and attractive. A most constant and abundant bloomer.

**Monsieur Jarry Desloges.** Height, 4 feet. Green foliage. The petals are long and rounding, measuring 1½ to 2 inches across and of a thick, leathery substance. Color, a dazzling scarlet orange.

**President McKinley.** 3 feet. Green foliage. Medium size flowers of good substance; color a fiery, deep crimson. A profuse bloomer.

**Special Offer No. 320.** One each of the above 15 choice Cannas for \$1.50, by express only.

## The Grand Orchid Flowered Cannas

See illustration opposite.

The new class, double the size of the flowers of all former Cannas. While at first we had of these only yellow and yellow with red, the list is now enlarging and we may soon expect the wide range of colors seen in the Crozy kinds. The petals of the newer ones are of more substance to withstand the wind and storms.

**America.** 4½ feet. Beautiful bronze foliage. The spikes are very large and the flowers are enormous, with a yellow throat and petals of glowing red, flamed and streaked with purple—a combination of colors not seen in the Crozy class. Each, 20c.; 3 for 50c.; 12 for \$1.50.

**Kate Gray.** 7 feet. Green foliage. Immense flowers, 5 to 6 inches across. Most of the flowers have five petals, giving them a fine double appearance. The color is orange scarlet, finely flaked with yellow tints. Each, 25c.; 3 for 60c.; 12 for \$2.00.

**Pennsylvania.** 5 to 6 feet. Green foliage. Flowers of extra large size, often measuring 7 inches across, with petals 2½ inches wide. Deep red, of solid color. Each, 35c.; 3 for \$1.00; 12 for \$3.00.

**Allemania.** 6 feet. Green foliage. The giant of all Cannas. The outer petals are scarlet, with a very broad, golden yellow border. The inside of the bloom is scarlet and dark red. Each, 15c.; 4 for 50c.; 12 for \$1.25, postpaid. Per 100, \$8.00, by express.

**Burbank.** 5 feet. Green foliage. The new American Orchid Flowering Canna. The flowers are truly gigantic in size, the upper petals spreading fully 7 inches and the form is really semi-double. Toward the inner part the petals show fine crimson spots, all the rest of the flower is of a most beautiful, rich canary yellow. Each, 15c.; 3 for 40c.; 12 for \$1.25; 100 for \$8.00, by express.

**Italia.** 5 feet. In color the center is of a brilliant red, the outer half of the circumference of each petal being a wide, irregular band of clear yellow, a very striking flower. Each, 15c.; 2 for 25c.; doz., \$1.25.

**Partenope.** 5 to 6 feet. Green foliage. Flowers extra large size and fair substance. Color bright reddish salmon. Very showy and distinct. Early and more free flowering than most of its class. Each, 15c.; 2 for 25c.; 12 for \$1.25.

**Special Offer No. 321.** One each of the 7 Orchid Flowering Cannas for only \$1.20, postpaid.

Orchid Flowered Canna,  
½ natural size.

Florence  
Vaughan

CHICAGO



## Vaughan's Cannas—(Continued)

**Price:** The following Cannas each, 15c.; 2 for 25c.; 12 for \$1.25; post-paid, 100 for \$8.00, by express. If ordered sent by express at buyer's expense, stronger plants will be sent at the same price.

- Alphonse Bouvier.** 5 feet. Green foliage. Flowers crimson.
- Alsace.** 3½ feet. Green foliage. Flowers pale lemon yellow.
- Beaute Poitevine.** 2½ feet, green foliage, large crimson flowers. One of the very best of the bright crimson bedders.
- Chas. Henderson.** 4 feet. Green foliage. Crimson flowers, good bedder.
- Discolor.** Old type, 10 feet. Mammoth leaves of a bronzy-red, fine for foliage effect.
- Duke of Marlborough.** 3½ feet. Green foliage. Absolutely distinct and superbly beautiful. The color is rich velvety maroon.
- Explorateur Crampel.** 5 feet. Green foliage. Flowers, clear vermillion scarlet, spotted with crimson.
- L. Patry.** 4½ feet. Green foliage. Plant vigorous. Grand and beautiful rounded flowers. Color, salmon shaded rose, edged chestnut.
- Lucienne Guillaud.** Height, 4 feet. Foliage green; numerous well formed spikes with large rounded flowers. Color light rose; base of flower yellow; very fine and showy.
- Luray.** 4 feet, green foliage, large flowers and trusses of a dark rose pink color.

- Mlle. Berat.** 5 feet. Green foliage. A shade of rosy carmine. The petals are long and hang gracefully upon the flower stalk.
- Mad. Crozy.** 3½ feet. Green foliage. Immense flower heads of deep vermillion with a gold border around each petal.
- Pres. Carnot.** 5 feet. Dark bronze foliage. Bright red flowers of medium size. Fine for foliage effect.
- Paul Marquant.** 4 feet. Green foliage. Large flowers of a deep salmon.
- Queen Charlotte.** 4 feet. Green foliage. Rich orange scarlet with gold band. Extra good.
- Robert Christie.** 5 to 5½ feet. Green foliage. Large flowers of a bright vermillion, forming large trusses which incline to droop gracefully.
- Secrétaire Chabanne.** 4 feet. Green foliage, extra strong grower and free flowering. The color is a beautiful orange with deep shadings; flowers large and round. A constant bloomer.
- Souvenir d'Antoine Crozy.** 4 feet. Green foliage. The flowers are large, well rounded, color intense scarlet crimson, rich and dazzling, and are bordered with a broad, rich golden yellow band.

After May 1st we can furnish large plants from 4 inch pots that will commence to bloom in a short time. Each, 25c.; 6 for \$1.25; 12 for \$2.40; 25 for \$4.50; 50 for \$6.00, all by express at buyer's expense.

## Vaughan's Canna Bed Collections



CANNA BED 10 FEET IN DIAMETER. (See collection No. 3)

### How to Prepare a Canna Bed

These plants being strong growers, require deeply dug garden ground, well enriched with rotten manure; soil with some mixture of sand is best. After planting, water sparingly for a few days, until the plants have taken root; after well established and showing good leaf growth, increase the amount of water; when in full growth during hot weather they may be watered very freely. Set the plants 18 inches apart each way, using the taller ones (see height in description) for the center, and the dwarfier kinds for outer circles, with shortest ones at edge. Estimates and plans furnished for larger beds of Cannas of any size or form, and with varied foliage or flowering effects.

Careful adjustment of sizes and colors add much to effective Canna beds. We know these plans to be good. Our customers seemed to appreciate these helping plans last season, so we increased the list. We offer the plants in various sizes: **First size**, from 2½ inch pots. **Large size**, from 4 inch pots, ready to bloom. We hope that all flower lovers will take advantage of some of these grand offers.

### CANNA BED No. 1

Round, 7 feet across. 1 Florence Vaughan (for center); 6 Egandale (middle row); 12 Madame Crozy (outside row).

Makes a very handsome bed; unexcelled for the price.

	Not prepaid.	Prepaid.
The 19 plants, first size.....	\$1.75	\$2.00
or the 19 plants, large size, ready to bloom.....	3.00	3.50

### CANNA BED No. 4

Round, 10 feet across. 17 Partenope; 12 Allemania; 18 Burbank.

Orchid flowering. Provides full range of colorings of this beautiful class.

	Not prepaid.	Prepaid.
The 37 plants, first size.....	\$3.00	\$3.50
or the 37 large plants, ready to bloom.....	5.00	5.75

### CANNA BED No. 2

Round, 7 feet across. 7 Egandale (Bronze Leaf); 12 Dwarf Florence Vaughan.

Here is a combination that makes one of the prettiest beds.

	Not prepaid.	Prepaid.
The 19 plants, first size.....	\$1.75	\$2.00
or the 19 plants, large size, ready to bloom.....	3.00	4.00

### CANNA BED No. 5

Round, 13 feet across. 7 Leonard Vaughan; 30 Florence Vaughan; 24 Chas. Henderson.

Sixty-one plants in all. This makes a magnificent bed, one that when in full bloom attracts general attention.

	Not prepaid.	Prepaid.
The 61 plants, first size.....	\$ 6.00	\$ 6.50
or the 61 large plants, for immediate effect.....	10.00	11.00

### CANNA BED No. 3

Round, 10 feet across. 7 Florence Vaughan (in center); 12 Egandale (middle row); 18 Madame Crozy (outside row).

This is a very complete three-color effect in a Canna bed, and very hard to excel.

	Not prepaid.	Prepaid.
The 37 plants, first size.....	\$3.35	\$3.75
or 37 plants, large size, 4 in. pots, ready to bloom ..	6.00	6.75

### CANNA BED No. 6

Round, 10 feet across. Showing 37 Plants.

Solidly planted; with our bronze-leaf Egandale produces a grand effect.

	Not prepaid.	Prepaid.
The 37 plants, first size.....	\$3.00	\$3.50
or the 37 plants, large size .....	6.00	6.50





THE GRAND NEW HYBRID TEA ROSE, PRINCESS OF NAPLES.

### NEW HARDY YELLOW ROSE, "Soleil d'Or."

The goal for which many of the world's greatest Rose hybridizers have been striving has at last been reached and we have a double flowered yellow Rose, hardy enough to withstand the winters of our Northern States. Soleil d'Or is the result of a cross between Persian Yellow and Antoine Ducher, retaining many of the characteristics of Persian Yellow, the bark being much the same and foliage resembling that of its parent, but produced more plentifully, while in growth it is more branching and more vigorous. The flower is perfection in form with conical buds, expanding into a large and full globular flower, with incurved inner petals. The buds are a marvellous shade of rich chrome yellow with just a tinting of coppery rose in the center. The fully expanded flower is beautiful in its blendings of orange yellow, reddish gold and nasturtium red, forming a color impossible to satisfactorily describe. Strong two year old plants, only size we have, each, 75c.; 6 for \$4.00, by express.



NEW HARDY YELLOW ROSE, SOLEIL D'OR.

## Rose Growing at Western Springs

Is solely for the production of young plants. We do not grow cut flowers. The best, healthy wood is used for propagation and not exhausted in bearing flowers. Our heavy soil is exactly adapted for rose growing, besides it holds the roots in fresh and natural condition for shipping. Our plants carry safely to southern California, Oregon or Maine.

**With Special Fast Mail Service in every direction from Chicago,** our Mail and Express packages of all greenhouse plants are much more satisfactorily handled **THAN FROM CITIES LESS CENTRALLY LOCATED.** We guarantee arrival in satisfactory condition of all our greenhouse shipments.

**Roses by Mail.**—Unpack immediately. Do not expose roots, but place at once in a shallow dish of tepid water. Toward evening carefully plant in good mellow soil, *thoroughly firming the soil* around the roots. Shade from the mid-day sun just after planting.

**Roses by Express.**—Are usually packed with all or part of the earth adhering to each plant; they *invariably arrive in good order.* If the balls of earth are dry, hold carefully in a pail of water for a moment, then plant, firming the soil thoroughly around the balls. Shade is not necessary.

*We were awarded a Gold Medal for our Roses, Cannas and Pansies at the Buffalo Exposition.*

## Rose Specialties for 1903

### THE GRAND NEW ROSE—PRINCESS OF NAPLES.

**Or a Pink American Beauty.** The plant has the same foliage, habit and size of flowers as American Beauty, only the color being a delicate, satiny pink. The fragrance is excellent. The whole plant is covered with flowers in the main flower season. It is as hardy as the American Beauty, standing our Winters with light protection. Strong plants, each, 20c.; doz. \$2.00. One year old plants, each, 35c.; 3 for \$1.00, postpaid. Strong two year old plants, each, 50c.; 6 for \$2.50.

### NEW ROSE—MRS. R. G. SHERMAN CRAWFORD.

This lovely new hybrid is one of the few large flowering Roses that bloom constantly and are perfectly hardy. Color, deep rosy-pink, the outer petals tinted with pale flesh in quite a new and unique shade; white at base of petals. The flowers are large, full and very fragrant, of perfect imbricated form, and freely produced, the plant blooming continually from early Summer to late Autumn. Each 20c.; 3 for 50c., prepaid. Two year old plants, each, 40c.; 6 for \$2.00, by express.

### NEW ROSE — SUNRISE.

The most beautiful Rose of its class yet introduced. This has made a sensation in England, and taken first honors wherever shown. In close bud form it shows the high brilliant colors seen only in the "Austrian-Copper," scarlet and yellow. As it opens the color deepens, the scarlet turning darker red, the yellow to orange and copper, the inside of the petal golden yellow. The open rose is large, perfectly double and of grand form. Each, 20c.; 3 for 50c., prepaid. Two year old plants, each, 40c.; 3 for \$1.00, by express.

### THE GRAND NEW ROSE—"LIBERTY."

Never has nature yielded to the painstaking hybridist and plant raiser a more beautiful or more satisfactory color than that seen in the new Hybrid Tea Rose, "Liberty," which to-day marks the limit of glorious deep, yet bright coloration in a family by no means deficient in warm, rich hues of crimson red. The flowers are of large size with thick, heavy petals. A continuous and free bloomer, and we predict a great future for this grand Rose. Each, 15c.; 3 for 40c. Two year old, each, 40c.; 3 for \$1.00.

### NEW CENTURY—HARDY EVER-BLOOMING ROSE.

Is a cross between the lovely Clothilde Soupert and Rosa Rugosa-Alba. It is perfectly hardy and blooms at short intervals all through the Summer and Fall. The flowers are 3 to 4 inches across, perfectly full and double and borne in splendid clusters. The color is bright rosy pink, with bright red center, and having all the petals widely bordered with fine creamy white. It is very sweet and has the fragrance of the Wild Rose or Sweet Briar. It is entirely hardy in all localities. It should be planted in rich ground and kept well manured to induce vigorous growth and continuous bloom. Each, 25c.; 3 for 60c.; 12 for \$2.25. Strong two year old plants, each, 75c., 6 for \$4.00, by express.

### THE NEW ROSE—MRS. OLIVER AMES.

This grand Rose is a sport from Mrs. Pierpont Morgan, possessing the same vigorous habit, fine glossy foliage of deep green, erect stout stem, and even more free flowering qualities. The flowers are very full and large, averaging four inches in diameter when in perfection. The color is a lovely soft blush with a little deeper shading in the center and on the edges of the petals, and a delicate tint of yellow at the base of the petals, making it the most beautiful of all the delicate colored Roses ever offered. Its keeping qualities are unsurpassed. In short, it is the ideal Rose in size, color, form, stem, foliage and free flowering qualities. Each, 15c.; 3 for 40c.; 12 for \$1.50, postpaid. Large two year old plants, each, 40c.; 3 for \$1.00, by express.

### IVORY OR WHITE GOLDEN GATE.

Golden Gate has become so well known to all Rose growers as an extremely free flowering variety of the largest size, that all will understand what the new Rose, Ivory, is like when it is described as a pure white Golden Gate, a sport from that variety. Its extraordinary freedom, large size, heavy canes and pure color, all tend to make it valuable both for the garden or forcing under glass. Each, 15c.; 2 for 25c.; 12 for \$1.25. One year old size, each, 25c.; 3 for 60c.; 12 for \$2.00, postpaid. Large two year old plants, each, 40c.; 3 for \$1.00, by express.

### SPECIAL OFFER No. 329.

One each of the **EIGHT GRAND NEW ROSES** on this page, all of the two year old size, for \$3.40, by express.

The best trowel in the world. Made of one solid piece of steel.



Each, 50 cents, by mail, 60 cents.





**The Burbank Rose.**—The Burbank is without exception the freest flowering Rose in cultivation. The flowers are double, of fine form, nearly three inches across. The color is a deep rose-pink, the center shading to beautiful soft rose.

**Agrippina (China).**—An excellent rose for bedding or pot culture; continuous bloomer; color, fine velvety crimson.

## LA FRANCE ROSE SET

Each, 15c., or : : : : : La France Rose Set of 4 for 50c.

The delightful La France fragrance, by which every one of the four splendid roses may be known, is appreciated by every one who grows or wears a rose. The La France type is the nearest to perfection of all roses and you will be delighted with this lovely rose in four colors.

**Striped La France.**—(Madame Vredenburg.) Creamy pink, with a silvery gloss, growing deeper at base of petals, streaked with carmine, elegantly shaped. La France bud has the true and same beautiful full-blown flower and even stronger growth. Free bloomer; each shoot produces a bud.

**White La France.**—(Augustine Guinnoisseau.) A beauty, indeed, identical with La France, except the color. It is pearly white, sometimes tinted with fawn.

**Pink La France.**—Undoubtedly the most perfect type of a cut flower rose. No variety surpasses it in delicate coloring—silvery rose, with a satiny sheen over all its petals. Flower large with the well known fragrance.

**Red La France.**—(Duchess of Albany.) The flowers are darker than La France, of a deeper pink, very large and full; perfumed and of best quality in every respect.

Two year old plants, each, 40c.; or set of 4 for \$1.25, by express only, at buver's expense.

## Soupert Collection

This is a collection that will give you a rose bed full of flowers all summer, every one especially adapted for Summer blooming and can be wintered over with protection of straw and leaves.

Price, each, 10c., or the six for 50c., postpaid. Prices for 2 year old strong plants for immediate effect, each, 40c.; dozen, \$4.00, by express. The collection of six in the 2 year old size for \$2.00, by express.

**Clothilde Soupert.**—This is the most famous pot and bedding Rose (Polyantha Tea). Its charming coloring, shading from pearly white to purest rose, double blossoms, delightful fragrance, wonderful vigor and freedom of bloom combine to make it a most beautiful Rose. We take pride in sending out only selected, strong plants which will be a credit to us as original introducers of this great novelty.

**New Yellow Soupert, Mosella.**—A lovely new addition to the Soupert family, and has its free-flowering habit. The color is a white tint on beautiful light yellow ground.

**Pink Soupert.**—A very free-flowering variety, much resembling Hermosa, but more double. The habit of the plant is almost identical with C. Soupert.

**Hermosa.**—It would be a waste of words to write a lengthy description of Hermosa. It is too well known and too great a favorite. It is always in bloom and always beautiful; the color is a most pleasing shade of pink, very fragrant. A grand rose for bedding or pot culture.

## Standard Collection of Ever-Blooming Roses

Each, 10c., except noted, or one each of ten sorts for 75c., postpaid.

**Grand Rose Coronet.**—From the time the plant is 4 inches high it blooms steadily, flowers frequently measuring from four to six inches in diameter. The form is full and double. In the bud the color is a deep rich carmine, which, as the flowers open, lightens to a soft, clear pink. The fragrance is simply delicious.

**Golden Gate.**—The flowers are extra large size, very double and full, and delightfully fragrant; ground color, rich creamy white, is beautifully tinged with clear rose.

**Bridesmaid.**—The flowers are very large size, and of fine, regular, full form, delightfully tea-scented; color, clear rose-pink. A free and constant bloomer; makes elegant buds for cutting.

**Marie Guillot.**—Perfection in form; flowers large and double to center; holds first rank among White Tea Roses in purity of color and depth of petals. Best Tea Rose for outdoor bedding.

**Etoile de Lyon.**—Flowers very large and double and always full of flowers, deliciously fragrant; color, chrome-yellow, deepening in center to pure golden yellow.

**Papa Gontier.**—A magnificent Red Tea. A strong grower, with fine healthy foliage; the buds are large and long. One of our best Summer and Winter bloomers.

**Duchess de Brabant.**—Beautiful buds, deep rosy-pink, edged with silver, bloom quickly and constantly; one of the best.

**Marie Lambert.**—A strong, vigorous grower; pure white flowers; prolific bloomer. The buds are large and full, strong tea fragrance. Fine for bedding.

**Safrano.**—An old favorite. Bright apricot yellow, changing to orange and fawn, frequently tinted with rose. Desirable for outdoor planting and much prized for its fragrance and nicely shaped bloom.

**Meteor.**—No red rose is better for general purposes or that gives as many perfect shaped flowers on nice, long stems. The color is rich velvety crimson, exceedingly bright and attractive. The plant is of vigorous growth and very free flowering; a constant bloomer. Fine for summer bedding or pot culture.

We can furnish strong 2 year old plants of any of the above roses, each, 40c.; any 3 for \$1.00; 12 for \$3.50. Or one each of the 10 sorts for \$3.00, all by express.



CLOTHILDE SOUPERT.

Ever-Blooming Rose

Collection, No. 2

20 Choice Roses

Our Selection of Sorts, \$1.00, Postpaid.

Very Fine

Plants.

Best Sorts.



## 8 Best Roses For Cut Flowers during the Summer.

This collection will keep you in Roses all Summer. Price, each, unless noted, 10c.; 12 for \$1.00; 2 year old, each, 40c.; 12 for \$4.00, by express.

**NEW ROSE, GRUSS AN TEPLITZ.** The reddest of all red roses. It is a rose for everybody, succeeding under the most ordinary conditions, blooming continuously all summer. In color it is of the richest scarlet, shading to a velvety crimson as the flowers mature. Flowers are of large size both in the bud and when open, full and double; very fragrant; a free, strong grower and a most profuse bloomer. The foliage is extremely beautiful, all the younger growth being of a bronzy plum color. Young plants, each 15c.; 2 for 25c. 1 year old plants, each 25c.; 3 for 60c.; 2 year old plants, each 40c.; 3 for \$1.00, by express.

**BALDWIN.** It is claimed to be the largest flowering and freest blooming Hybrid Tea Rose in existence, and the most beautiful and satisfactory Rose for general planting ever offered. Large full flowers of fine form of bright, glowing carmine. The bud is long and pointed and as sweet as a June Rose. Each 15c.; 6 for 75c.; 2 year old plants, by express, each 40c.; doz., \$4.00.

**THE GRAND ROSE, AMERICAN BEAUTY.** The largest, sweetest and best of all Hardy Roses. It is a genuine hardy everblooming rose. For immensity in size, rich color, exquisite form and delicious fragrance, it stands without an equal. It is a continuous bloomer, valuable both for house and garden culture. Color is a rich crimson; its fragrance is wonderfully sweet. Each 20c.; 3 for 50c.; 12 for \$1.75.

**THE GRAND ROSE, WHITE MAMAN COCHET.** This is a superb variety. It is identical with its parent, Maman Cochet (the queen of all pink garden Roses), except in color of the flower, which is snow-white. The flowers are large and very double, making it of more than ordinary value in open ground.

**THE BEAUTIFUL ROSE, MAMAN COCHET.** One of the most valuable Roses of recent introduction, especially for out-door blooming. The finest pink garden rose yet introduced. The flowers are of great size and very double; color, bright rose.

**KAISERIN AUGUSTA VICTORIA.** Color, soft, pearly white, fragrant. It is invariably crowned with a magnificent flower; the finest of its class, and succeeds splendidly out of doors. Each, 15c.; 2 for 25c.

**SOUV. DE PRES. CARNOT.** An excellent Rose of recent introduction that has already become a great favorite. The flower is of large size, of exquisite shape, with heavy, thick, shell-like petals; buds long and pointed, similar to Niphotos, but very much larger and borne on stiff, erect stems; color, delicate rosy flesh, shaded a trifle deeper at the center. An extra good garden Rose. Each, 15c.; 2 for 25c.

**ETOILE DE LYON.** One of the best and most beautiful yellow Tea Roses for general planting. It is of good constitution, one of the hardiest of the Teas, and may be had in bloom the entire year by proper treatment. The flowers are of good size, deep and full and very sweet scented; color, rich golden yellow.



Ever-Blooming  
Rose Collection  
No. 1

10 Choice  
Roses

All Different.  
Not Labeled.

Our Selection,  
50c., Postpaid.

**Special Offer No. 321.** For \$1.00 we will send postpaid 1 strong plant each of the 8 grand Roses described above; or 1 each of the two year old size for \$2.25, by express only.

## Collection of 24 Choice Ever-Blooming Roses

Each, 10c.; Any 3, 25c.; 12 for \$1.00. The collection of 24 beautiful roses for \$1.75, postpaid. 2 year old plants, each, 30c.; 12 for \$3.00, by express.

**Bridesmaid.** The flowers are very large and of fine, regular, full form, delightfully tea-scented; color, clear rose-pink. A free and constant bloomer; makes elegant buds for cutting.

**Bon Silene.** A prime favorite on account of its delightful fragrance and strong growing qualities; color, deep rose, shaded carmine. Valuable for summer or winter flowers.

**Cornelia Cook.** Beautiful creamy white, buds of immense size and very double; a magnificent flower.

**Dinsmore.** Flowering very freely the whole season; flowers large and double; deep crimson; perfectly hardy. For prices, see above.

**Duchesse de Brabant.** Few Roses equal this in freedom of flowering; none surpass it in either fragrance or vigor; the flowers are rather loose when open; color, rose, heavily shaded with amber and salmon.

**Franciska Kruger.** A strikingly handsome Rose, and one of the very best for open ground culture; especially adapted for beds or masses; the splendid flowers are deeply shaded copper yellow in color; very large.

**Golden Gate.** A magnificent Rose with large, full, finely formed flowers; buds long and beautiful. Color, rich creamy white, tinged with golden yellow and clear rose. A free blooming beautiful variety.

**Isabella Sprunt.** Light canary-yellow. Extra good bloomer.

**La Princess Vera.** Very double and full. Color, salmon-rose, shaded with carmine.

**Luciole.** Very bright carmine rose, tinted and shaded with saffron yellow, the base of the petals being a coppery, yellow, back of petals bronze-yellow; large, full, strongly scented, of good shape, with long buds.

**Meteor.** A rich, dark, velvety crimson. Flowers large and double. One of the very best Roses for your garden. In bloom all Summer.

**Mad. de Watteville.** Color, white shaded with salmon; outer petals feathered with bright rose.

**Mad. Joseph Schwartz.** A strong, vigorous grower, and one of the hardiest Tea Roses for outdoor bedding. The flowers are cup-shaped and borne in clusters; color, white, beautifully flushed with pink.

**Mrs. DeGraw.** A fine, ever-blooming, hardy Rose, of strong, vigorous growth. From early summer until frost it can be depended upon. Color, rich glossy pink.

**Niphotos.** An elegant Tea rose, very large and double, deliciously sweet; color, pure white; highly valued for its lovely buds, which are very large and pointed.

**Perle des Jardins.** Unquestionably the finest yellow Rose for either Summer or Winter flowering. The flowers are very large and double, of perfect form. Color, a rich shade of yellow.

**Queen's Scarlet.** Rich, velvety crimson, beautiful in bud. The best of all the crimson bedding varieties; very free flowering.

**Triomphe de Pernet.** Bright crimson; large, full, double flowers; very fine bedder.

**Souvenir de Catherine Guillot.** An entirely new color in the Roses. The buds are long and pointed and of a rich, coppery-salmon, passing to a rosy peach, shaded copper. The open flowers are large and full and delightfully fragrant. A grand Rose for Summer blooming in the flower bed.

**Souvenir de la Malmaison.** A noble rose; flower is extremely large and double; color, flesh white, clear and fresh. Has been considered the finest Bourbon Rose for many years. Its great beauty in the Fall makes it the finest of all roses at that season.

**Souvenir de Wootton.** A remarkably brilliant and striking ever-blooming rose. Bright magenta-red, passing at base to fine crimson; flowers large, full, very sweet.

**Sunset.** One of the richest colored roses in the Tea section; a rich golden amber or old gold, elegantly tinged and shaded with, ruddy copper. The flowers and buds are extra large, full, finely formed and deliciously perfumed. The plant is a strong grower and very free bloomer; fine for both open ground and pot culture.

**The Bride.** The most popular white rose for Winter flowering. The flowers are very large and double, on long, stiff stems, of fine texture and substance, and last a long time in a fresh state after being cut, making it one of the best varieties for corsage wear or bouquets. During extreme hot weather it becomes a pinkish white, at other times a beautiful pure white.

**The Queen.** A pure white rose, elegant in shape and very large size. A vigorous healthy grower and continuous bloomer, producing a great abundance of buds and flowers all through the season.



Twenty-Two  
Beautiful

## CLIMBING ROSES



Crimson Rambler.

Dorothy Perkins.



Climbing Clothilde Soupert.

**CRIMSON RAMBLER.** We consider this the most wonderful of all the new Roses. We have had this Summer branches seven ft. long, loaded down with large clusters of these brilliant red Roses. One would hardly believe it possible that so many could be produced on one shoot. A superb climber, cannot be excelled, while it is also magnificent in bush form. One of the striking characteristics of this Rose is its remarkable color, which is of the brightest crimson and remains so to the end. The flowers with which the plant is covered are produced in large trusses of pyramidal form and carrying thirty to forty flowers, which remain on the plant a long time. The foliage is bright green and glossy and contrasts finely with the bright crimson of the Rose. The plant seems to be as hardy as the old *Prairie Queen*. Every garden should contain this grand Rose.

Price, strong young pot plants, by mail..... Each, 15c. Doz., \$1.50  
 " one year old plants, " 25c. " 2.50  
 " two " " " express..... " 40c. " 4.00  
 selected " " " " " 50c. " 5.00  
 Mammoth size, three year old, by express..... \$1.00. " 10.00

**YELLOW RAMBLER (*Aglaia*).** The flowers are borne in clusters, after the same manner as the *Crimson Rambler*. The color is a decided yellow.

**WHITE RAMBLER (*Thalia*).** Almost identical with *Crimson Rambler*, but that the flowers are pure white and sweetly scented.

**PINK RAMBLER (*Euphrosyne*).** What is said of *White Rambler* applies equally to this, except the color of the flowers are pink.

Price.—Strong growing plants from 2½ inch pots, each, 15c., 4 for 50c., postpaid. Two year old plants, each, 25c.; 3 for 60c. Large three year old, dormant plants, by express (this is the best size to give you good satisfaction), each, 50c.; 3 for \$1.25; 6 for \$2.50. Special Offer 315. One each of the 4 Rambler Roses in strong two year old plants for \$1.00, by express; or one young pot plant of each for 50c., postpaid.

**DOROTHY PERKINS.** *New Rambler Rose*. As hardy as *Crimson Rambler* and same habit of growth. The flowers are about one and one-half inches across; are borne in clusters of from ten to thirty and are very double; the petals are very prettily rolled back and crinkled. The color is a most beautiful shell pink and holds a long time without fading. Young pot plants, by mail, each, 25c.; 3 for 60c.; doz., \$2.00. Strong two year old plants, by express, each, 50c.; 3 for \$1.25.

**HELENE.** In growth and foliage it resembles *Crimson Rambler*. The color is a pure soft rose, almost blush; base of petals, yellowish white. Strong three year old plants, by express, each, 75c.; 3 for \$2.00.

**PSYCHE.** In growth and habit it much resembles the *Rambler*. The color is white, suffused with salmon-rose and pink. A real companion to the *Crimson Rambler*. Large two year old bushes, each, 50c.; 6 for \$2.50, by express.

**THE PHILADELPHIA CRIMSON RAMBLER.** It differs from the *Crimson Rambler* in two important particulars. First, the color is brighter, deeper and more intense. Second, the flowers are perfectly double to the center. It is a strong, healthy grower, free and abundant bloomer. Each, 25c.; doz., \$2.50. Two year old plants, each, 60c.

**CLIMBING CLOTHILDE SOUPERT.** This grand new Rose is of the climbing form of the well-known and popular *Rose, Clothilde Soupert*. It is a vigorous grower, forming canes 15 feet in one season, and covered with large clusters of flowers all Summer. Flowers are large, double and a beautiful shell pink, forming the buds in clusters. Perfectly hardy and will stand any kind of weather. We cheerfully recommend it as the best of all the hardy ever-blooming Roses. Two year old plants, each, 50c.; 6 for \$2.50, by express. Small plants, each, 25c.; 5 for \$1.00, prepaid.

**CUMBERLAND BELLE.** This is a grand novelty, a true climbing moss Rose, wonderfully fine climber, grows 15 feet in the first season. The flowers are full and double, and of a soft, silver rose color. The buds are nicely mossed and deliciously fragrant. Each, 20c.; 3 for 50c. Two year old plants by express, each, 50c.; 3 for \$1.25.

**Three Old Favorites in Hardy Climbing Roses.** Large two year old dormant bushes, 3 feet high, each, 30c.; 4 for \$1.00; 12 for \$2.50, by express.

**BALTIMORE BELLE.** Your yard is not complete without this grand Rose. Will grow 15 feet in one year, and be covered with clusters of large double flowers of a pale blush color.

**SEVEN SISTERS.** Rapid climber; flowers in clusters of seven. Color, clear pink.

**PRAIRIE QUEEN.** A favorite with everyone. If you want a Rose for your porch, this is the one. Color, bright red, changing as the flower opens to deep pink.

**NEW HARDY MEMORIAL ROSES.** These hardy and lasting Roses creep over the ground like Ivy. The leaves are glossy dark green. The flowers are borne in clusters profusely during July and August. Used extensively for covering graves, rock work, embankments, etc. We offer five of the best sorts. Each, 15c.; any 3 for 40c.; the 5 for 50c. Large two year old plants, each, 30c.; any four for \$1.00, by express.

**THE NEW ROSE, EVERGREEN GEM.** A single plant four years old covered a space of 240 square feet with long shoots, and completely covering the ground with its bright, glossy foliage, which is evergreen. Flowers are produced singly on stems; color, creamy white; perfectly double.

**SOUTH ORANGE PERFECTION.** Double flowers; color, soft blush pink at tips.

**UNIVERSAL FAVORITE.** Double flowers, over 2 in. in diameter and of a beautiful rose color.

**PINK ROAMER.** Single flowers, 2 in. in diameter, bright, rich pink.

**ROSA WICHURIANA.** Flowers pure white, single. Grows 10 to 12 feet in a season.

### Tender Climbing or Pillar Roses

**CLIMBING METEOR.** This Rose might be called a "Perpetual Blooming, Climbing Jacqueminot." It is a Rose which will make 10 to 15 feet growth in a single season, and blooms almost constantly. Flowers large and of that rich, dark, velvety crimson color seen only in the *Jacqueminot*. Strong, well-rooted plants each, 10c.; 6 for 50c. Two year old plants, each, 40c.; doz., \$4.00, by express.

**THE GRAND ROSE, MARECHAL NEIL.** A Rose so famous as to hardly need a description here. The most beautiful large, golden yellow grown, 10c.; 3 for 25c. Two year old size, each, 40c.; 3 for \$1.00, by express. Four year old size, 6 to 8 foot canes, each, \$2.50.

**MRS. ROBERT PEARY.** The flowers are extra large, full, deep and double. The most remarkable feature of this variety, however, is that it blooms continuously the first year. It grows to perfection out doors, throwing out numerous shoots ten to fifteen feet high in a single season. Each, 15c.; 3 for 40c. Two year old plants, 40c.; 3 for \$1.00, by express.

**CLIMBER, MARY WASHINGTON.** It is a remarkably free bloomer, commencing to bloom when the plants are very small and continuing throughout the season. The flowers are pure white, quite double and fragrant, blooming in clusters and very profusely; is hardy with slight protection. Each, 10c.; 6 for 50c. Two year old plants, each, 25c.





MRS. R. G. SHERMAN CRAWFORD.

## Collection of

### Twelve Best Hardy Garden Roses

**American Beauty.** This variety has been rightly described as an everblooming Hybrid Perpetual. The flowers are very large and double; color, a deep rich rose. The fragrance is delightful. Each shoot produces a bud.

**Anna de Diesbach.** Bright rose color; very large and showy; particularly fine in bud; flowers slightly cupped; a vigorous grower; one of the best.

**Baron de Bonstetten.** Dark red, almost black; very large, double, fragrant flowers.

**Clio.** The flowers are perfection in form. Color, delicate satin blush with a light shading of rose pink in the center. Very free blooming.

**General Washington.** This splendid rose is one of the best; color, bright shining crimson; flowers large and perfectly double; blooms almost constantly.

**Kaiserin Augusta Victoria.** One of the best white roses for Summer bedding. Large flowers produced in great profusion all Summer. Should be protected in Winter.

**Margaret Dickson.** The flowers are of the purest white, of extra large size and of grand substance. Free flowering and strong grower.

**Mad. Charles Wood.** A continuous bloomer of dwarf, compact habit. Flowers are large and very double, of a deep crimson shade.

**Mrs. R. G. Sherman Crawford.** This lovely new hybrid is one of the few large flowering roses that bloom constantly and are perfectly hardy. Color, deep rosy-pink, the outer petals tinted with pale flesh in quite a new and unique shade; white at base of petals. The flowers are large, full and very fragrant, of perfect imbricated form and freely produced, the plant blooming continually from early Summer to late Autumn.

**Paul Neyron.** Deep shining pink. Flowers often five inches in diameter. It is a good strong grower; almost thornless. Considered the finest pink rose.

**Persian Yellow.** The hardy yellow rose of our mother's garden. Perfectly hardy; flowers semi-double; golden-yellow color.

**Souv. de la Malmaison.** Rich flesh color, beautifully shaped double flowers. A grand rose in every way. Should be protected in Winter.

PRICE:—Extra strong 2-year old field grown plants, by express, each, 40c.; dozen, \$4.00.

After May 1st we can furnish growing plants in 5-inch pots, each, 50c.; dozen, \$5.00.

**SPECIAL OFFER No. 317.** One each of the twelve roses, 2-year old size, for \$4.00, by express.

**TREE OR STANDARD ROSES.** These roses are grafted on hardy stalks 4 feet high. We offer them in white, pink, red and crimson. Tree roses with two colors, red and white, on one stem. Crimson Rambler Rose, grown to tree form; 3 feet clear stem; large bushy top. Each, \$1.00; 3 for \$2.50; 12 for \$7.50, by express.

**MOSS ROSES.** Extra large 2-year old plants, field grown, dormant, 30c.; 4 for \$1.00. By express, dozen, \$2.40.

**Blanche Moreau.** The best white Moss Rose. Flowers are produced in clusters and are large, full and sweet. Color is pure white.

**Pink Moss.** Rose color; flowers beautifully crested.

**Red Moss.** Rich, glossy pink, tinged crimson; large globular flowers; finely mossed.

### ENGLISH SWEET BRIAR ROSES.

Highly prized on account of the delightful fragrance of their leaves and young branches. Strong 2-year old bushes. Each, 30c.; 4 for \$1.00, by express; per 100, \$20.00.

### RUGOSA ROSES.

**Rugosa Alba.** Crowded with clusters of pure white flowers; foliage dark green and glossy; its large, scarlet fruit being very handsome in the Autumn.

**Rugosa Rubra.** Identical with the above, except in the color, which is a beautiful red.

**Mad. Geo. Brunt.** Blossoms in clusters. Semi-double pure white flowers. Fine for cemetery planting.

Price, strong 2-year old bushes, each, 30c.; the 3 for 75c., by express; dozen, \$3.00; per 100, \$20.00.

## “Field-Grown” 2-Year Old Hardy Hybrid Perpetual Roses

### The Hybrid Perpetuals

are considered the most valuable of all roses. They are chiefly distinguished for their vigorous growth and fine, large flowers and for being entirely hardy. They are particularly valuable for permanent beds or borders in the northern and middle states. Many of them flower the entire Summer; others flowering through the month of June and again in August and September. The flowers are large, often measuring five to six inches in diameter; very fragrant and of all the colors known to the rose. If you wish to enjoy a glorious sight, set out a row of these roses in a trench filled with manure and strong soil (well mixed together), and you will be well repaid. Set these plants fifteen to eighteen inches apart. When planting, care should be taken to set plants deeply, planting them at least two inches above the first joints or branches and pounding the soil firmly around the roots. Cut shapely and keep well trimmed and the dead wood removed.

### Twenty-Four Choice Hardy Garden Roses

**Alf. Colomb.** Bright cherry-red, shaded crimson.

**Ball of Snow.** Pure white; very free blooming.

**Baroness Rothschild.** Rich satiny pink; one of the best.

**Coquette des Alps.** Pure white, center shaded rose.

**Captain Christy.** Delicate flesh color; one of the best.

**Fisher Holmes.** Dark rich scarlet; large flowers.

**General Jacqueminot.** Rich velvety crimson; very fine.

**Giant of Battles.** Bright red; very large; full and sweet.

**Glory Lyonnaise.** Light creamy yellow; distinct.

**John Hopper.** Brilliant rose pink; cup shaped flowers.

**La France.** Pink satiny rose; a constant bloomer.

**Mad. Caroline Testout.** Satiny pink; blooms all Summer.

**Madam G. Luizet.** Shell pink; large and fine.

**Mad. Plantier.** The best white rose for general use.

**Magna Charta.** Clear rosy red; a beautiful rose.

**Marshall P. Wilder.** Bright scarlet crimson.

**Marie Bauman.** Bright carmine; very large; fine form.

**Mrs. John Laing.** Beautiful soft pink; very free flowering.

**Habel Morrison.** Pure white; a lovely rose.

**Merveille de Lyon.** Creamy white, shaded rose.

**Pæonie.** Light red; pæony shaped flowers.

**Prinse Camille de Rohan.** Velvety crimson, shaded scarlet.

**Perle des Blancches.** A finely formed pure white rose.

**Ulrich Brunner.** Bright cerise red; a magnificent rose.

PRICE:—Extra strong 2-year old field grown plants, by express, each, 30c.; dozen, \$3.00; per 100, \$20.00.

**SPECIAL OFFER No. 316.** One each of the 24 above beautiful roses, 2-year old size, for \$5.00, by express. After May 15th, when too late for dormant stock, we can supply the above roses (which have been potted), growing in 5 and 6 inch pots ready to plant out without a check. Price, each, 40c.; doz., \$4.00.



MOSS ROSE BUDS.



# Hardy Ornamental Climbing Vines

## THE NEW AMPELOPSIS.

### Ampelopsis Veitchii Robusta Purpurea.

An Ampelopsis of very strong robust growth. The foliage is different than Veitchii or Boston Ivy. The leaves are a blue purple with a shining gloss finish, having all the other characteristics of the well known Boston Ivy. It will make double the growth of the Veitchii and stands our Winters better. We control the entire stock of this grand climbing plant and offer a limited quantity for sale this Spring.

	Each	Doz.
Price, 1 year old dormant plants.....	\$1.00	\$10.00
" 2 " " 3 ft. long.....	1.50	12.00
" 3 " " very strong, 4-5 ft. long.....	2.00	18.00

### Ampelopsis Veitchii (Boston Ivy).

This very attractive clinging vine will be readily recognized by our readers when we remind them that its glossy ivy leaves overlap each other and its long delicate, young shoots stretch up the stone wall of our finest city residences. The tendrils at nearly every joint cling firmly to the smoothest surface of rock or wood. The glossy leaves assume in the Autumn the most beautiful tints of scarlet and crimson. The handsomest vine possible for growth on house walls, especially the foundation and the first story, round the doors and windows. It is quite hardy, but some protection of straw may well be used immediately around the plant in Winter. We quote many sizes. 10 inches, 15c.; 2 feet, 25c.; extra 3 feet, 40c.; 3 for \$1.00, prepaid. Or not prepaid, 10 inches, 5 for 60c.; doz., \$1.00; 2 feet, 4 for 90c.; doz., \$2.00; extra 3 feet, 6 for \$1.75; doz., \$3.00.

**Grafted Ampelopsis Veitchii.** The same habit as Veitchii, except plants make a much stronger growth the first year; also much harder. We can recommend these grafted plants to our customers. Large plants, three to four feet high, growing in pots, each, 50c.; doz., \$5.00, by express.

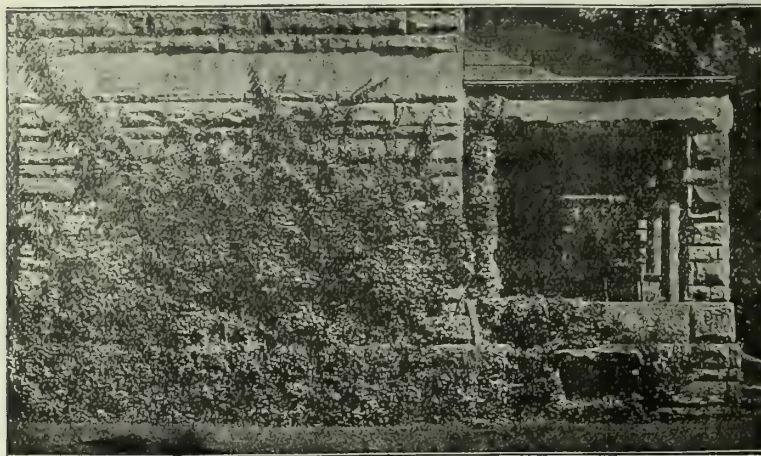
**Muralis.** Foliage similar to Quinquifolia; strong, rapid grower, clinging to walls without support; stand the hardest Winters. Two year old plants, each, 20c. Strong 3 year old plants, each, 40c.; 3 for \$1.00; 12 for \$3.00, by express.

**ACTINIDIA Polygama, Silver-Sweet Wine.** A new, hardy climber of remarkable beauty, from Japan. The foliage on the ends of the flowering shoots is of a silvery white color, which appear about the middle of June are creamy white with numerous stamens, with bright yellow anthers, and resemble the Lily of the Valley in fragrance. The growth is rapid and vigorous. Strong dormant plants, 3 year old, each, 50c.; 6 for \$2.50; 12 for \$4.00, by express.

**AKEBIA Quinata.** A beautiful, hardy, climbing vine. It often grows fifteen feet in a year and produces throughout the season large clusters of fragrant flowers, resembling Forget-me-nots. Each, 15c.; 4 for 50c., prepaid. Large vines, 6 to 8 feet long, each, 50c.; doz., \$5.00, by express.

**ARISTOLOCHIA Sipho (Dutchman's Pipe).** Very hardy, strong growing vine, with large peculiar, heart-shaped leaves. Curious pipe-shaped flowers of yellowish-brown. Large vines, 6 to 8 ft. long, each, 50c.; doz., \$5.00, by express.

**BIGNONIA Grandiflora (Trumpet Creeper).** Grandiflora is a great improvement on the old variety Radicans; the flowers are very large, trumpet shaped, of orange scarlet. Very useful for covering unsightly places, old stumps and rock work. 2 year old plants, each, 25c.; 12 for \$2.50. Large 3 year old plants, each, 50c.; 6 for \$5.00, by express.



AMPELOPSIS VEITCHII ROBUSTA PURPUREA.

**Ampelopsis Elegans. (The Variegated-Leaved Ampelopsis Veitchii.)** Has the same habit as the Veitchii except that the leaves are variegated white and green, making a very handsome vine. Strong plants 2 to 3 feet long, each, 50c.; 12 for \$4.00.

**Engelmanni.** Foliage large and abundant; similar to the Virginia Creeper, but quite distinct in having the self-supporting habit of Ampelopsis Veitchii. In this respect and also in brilliancy of coloring in the Fall it will rival the so-called "Boston Ivy." Hardy in northern states. One year old plants, each, 15c.; doz., \$1.25. 2 year extra strong, each, 40c.; doz., \$3.00.

**Ampelopsis Quinquifolia. (Virginia Creeper.)** Luxuriant in growth, with handsome foliage turning to bright crimson in the Fall. Very hardy vine for covering old tree trunks, walls or fences. Each, 15c.; 4 for 50c., prepaid. 3 year old plants, by express, each, 25c.; doz., \$2.50.

## Large Flowering Clematis.

The royal purple of this splendid, everblooming flower may well be said to mark it as a prince among all hardy flowering vines. We presume every one of our customers who sees it bloom each Summer promises to plant it in his own yard or garden at the next opportunity. It is especially adapted to open lawns or house fronts in the city or country. Perfectly hardy; blooms the entire season, bearing beautiful and lasting flowers. The varieties we offer here are those best adapted to our climate.

Plant in a sunny spot in good garden soil, dug very deep, placing the crown of the roots  $\frac{3}{4}$  inches below the surface of the soil. We recommend the application of well-rotted manure in holes a few inches away from the plant in opposite directions. The feeding roots reach out to these holes, which may be watered freely, with better success than when the manure is applied directly to the base of the plant.



BIGNONIA GRANDIFLORA.

**SPECIAL NOTICE!** On account of the brittleness of the bark on Clematis, it cracks very easily, and many people believe the plant to be permanently injured when such is not the case. We issue this notice on account of the numerous letters we get on the subject. We wish to say also that we examine all plants carefully before shipping, to see that they are in good condition, and if they die after being received in good order we do not agree to replace them.

**Extra Size Plants for Immediate Effect.** Many of our customers desiring immediate effect, prefer this stock and we import from the best nurseries in Europe. Price unless noted, strong 2 year old plants, each, 50c., prepaid. Extra strong 3 year old plants, 75c., by express.

**Clematis, "Ville de Lyon."** This is the most valuable of the new Clematis since it possesses a remarkable ability to resist the Clematis disease, connected with great vigor of growth. Its blooming capacity is great and the flowers are of the most magnificent brilliant crimson; they are large, of beautiful circular form. Each, \$1.50; 3 for \$4.00.

**Jackmanni.** This variety, with its strong, healthy growth, hardy nature and rich, deep velvety-purple flowers, is the most satisfactory of its class. Blooms with astonishing profusion from July to November on shoots of the present season; should be pruned early in Spring.

**Jackmanni Alba.** The white flowered Jackmanni.

**Madame Baron Viellard.** Light rose, with lilac shadings.

**Henryi. (Bangholm Belle.)** Strong grower, flowers always eight-sepaled, four to six inches in diameter and pure white. Very hardy.

**Miss Bateman.** Pure white, with chocolate anthers. This sort commences to bloom as soon as its leaves start in May.

**Gypsy Queen.** A rich, dark, velvety purple; a rank grower and a free bloomer. A very attractive and curious variety.

**Duchess of Edinburgh.** One of the best double whites, of vigorous habit, very free of bloom and deliciously fragrant.

**Mme. Eduard Andre.** An entirely distinct variety and the nearest approach to a bright red ever sent out. Color, carmine red.

**Ramona.** Single, lavender blue, about the largest Clematis known. Flowers are frequently 8 to 10 inches in diameter.

**M. Koster.** A bright rosy carmine of the largest size; a strong grower and free flowering.

**Sieboldi.** Flowers of largest size; a beautiful light blue in color.



CLEMATIS JACKMANNI.





CLEMATIS PANICULATA.

rapid grower, entirely unaffected by Clematis diseases; and forms a splendid covering for an arch or trellis. The fern-like foliage is handsome in itself, being entirely different from any other Clematis. The bright, lemon color of the flower is very pleasing and this is the only Clematis having any yellow coloring. Strong two year old field plants, each, 50c.; 3 for \$1.25; 6 for \$2.00.

## VINES—Continued.

### Small Flowered Clematis

#### CLEMATIS PANICULATA.

A vine of very rapid growth, quickly covering trellises and arbors with handsome, clean glossy green foliage. The flowers are of medium size, pure white, borne in immense sheets and of a most delicious and penetrating fragrance. The flowers appear in September, at a season when few other vines are in bloom. The extreme rapidity of growth, the showy foliage, beautiful and fragrant flowers and hardihood, serve to make this one of the very choicest of recent introductions. Each, 20c.; 3 for 50c.; extra large, field grown plants, each, 40c.; 3 for \$1.00, postpaid. Strong four year old plants, each, 50c.; doz., \$5.00, by express.

#### YELLOW CLEMATIS.

(*Graveolens*.) Single bright yellow. The flowers are four pointed star-shaped and are larger than those of the *Paniculata*, being  $2\frac{1}{2}$  to 3 inches in diameter and are borne in large long panicles throughout the late Summer and Fall till frost comes. The vine is a vigorous, lemon color of the flower is very pleasing and this is the only Clematis having any yellow coloring. Strong two year old field plants, each, 50c.; 3 for \$1.25; 6 for \$2.00.



CLEMATIS COCCINEA.

#### NEW HARDY

#### CLEMATIS COCCINEA HYBRID.

An entirely new and distinct type of Clematis, the result of crosses between *C. coccinea* and *Star of India*, combining all the good points of their parents in hardiness, vigorous, robust growth and freedom of bloom, which, together with their novel coloring and shape, make them valuable additions to the list of hardy climbers.

**Countess of Onslow.** Bright violet-purple, with a broad band of scarlet through the center of each petal; of open, bell-shape form; with four to six petals to each flower, which are thick in substance, and will be found useful for decorative purposes, and when cut will keep fresh in water for several days.

**Duchess of Albany.** A beautiful bright pink; deeper down the center, softening to lilac-pink round the margin; campanulate in shape.

**Duchess of York.** A delicate and pleasing shade of pale pink, with a deeper tinge in the center of each petal, of which there are from four to six to each bloom; campanulate form.

**Grace Darling.** Bright, rosy carmine.

Each \$1.00; the 4 for \$3.50, by express.



HALLEANA HONEYSUCKLE.

## Honeysuckles

#### Lonicerac.

**Sweet Scented Monthly** (*Belgica*). This is one of the most satisfactory of Honeysuckles, producing continuously large trusses of very fine, fragrant flowers, red and yellow in color. Each, 15c.; 5 for 60c. Three year old vines, each, 50c.; 3 for \$1.25, by express.

**Scarlet Trumpet or Coral** (*Sempervirens*). Very strong, rapid grower; with beautiful scarlet flowers all Summer. One year old plants, each, 15c.; 5 for 60c., prepaid. Three year old plants, each, 50c.; 3 for \$1.25, by express.

**Japan Golden Leaved** (*Aurea Reticulata*). A handsome and desirable variety, with variegated foliage and yellowish-white flowers. One year old plants, each, 15c.; 5 for 50c., prepaid. Two year old plants, each, 25c.; 5 for \$1.00, by express.

**Halleana.** A vigorous grower; flowers yellowish-white; exceedingly fragrant and freely produced. Each, 15c.; the 4 for 50c., postpaid. Large size, two year old plants, each, 25c.; doz., \$2.50, by express, at buyer's expense.

#### NEW CLEMATIS — BURBANK'S SEEDLINGS.

These new Hybrids are the result of careful cross fertilization of the various types of the large flowering Clematis with the old stand by *Coccinea*. They are the result of many years' patient and careful labor of Mr. Luther Burbank. The plants inherit the vigorous constitution of the *Coccinea* and the free-flowering habit of the *Jackmanii*. The shape of the flowers is more on the order of the *Coccinea*, being bell shaped. The colors are varied, being all shades of blue, lavender and purple, as well as rose, pink and red. The plants we offer are raised by Mr. Burbank and are the finest and most vigorous Clematis plants we have ever seen. They will make a grand showing the first year, both in vines and flowers and will increase in size with age. We can only furnish these in mixture. Each, 50c.; 3 for \$1.35; doz. \$5.00.

#### VARIOUS TYPES OF CLEMATIS.

Price, each, 20c.; 3 for 50c., postpaid.

**Coccinea.** Bell shaped flowers, bright coral red; blooms from June until frost. A rapid grower; very free bloomer.

**Crispa.** Fine, deep blue; with a white border and deliciously fragrant.

**Viticella.** A strong grower, with pretty foliage and purplish-red flowers. Suitable for verandas and trellises.

**Flammula** (*Virgin's Bower*). Pure white; blooms in clusters; fragrant.

#### MATRIMONY VINE, *Lycium Sinense*.

A well known, hardy, fast growing vine; very handsome when covered with its scarlet fruit in Autumn; useful for covering screens or ledges, or any object, at short notice.

Strong two year old plants, each, 25c.; 6 for \$1.20, by express.

#### JACK-AND-THE-BEAN-STALK VINE.

*Pueraria Thunbergiana*, or Kudzu Vine.

**Watch it Grow.** Like the Magic Bean Vine of fairy tale, this wondrous new vine, with ordinary treatment, will grow 70 feet in one season, turning everything it covers into leafy loveliness, and filling the air with the fragrance of its large clusters of Wistaria-like blossoms. In three months this wonderful Chinese Vine progresses as much as most vines do in five years. Adaptable to porches, arbors, fences, rockeries, old trees, etc. Perfectly hardy anywhere and in any soil; lasts twenty-five years or more. Strong one year old roots, each, 40c.; 3 for \$1.00. Strong two year old roots, each, 75c.; 3 for \$2.00, by express. Strong three year old roots, each, \$1.00. 3 for \$2.50, by express.

#### WISTARIAS.

**Alba.** Flowers white, in drooping racemes. Each, 30c.; large plants, by express, 3 years old, 75c.; 6 for \$4.00.

**Magnifica.** Dense clusters of purple-lilac flowers. Each 20c.; large plants, each, 50c.; 6 for \$2.50, by express.



CHINESE WISTARIA.



MATRIMONY VINE.



# Hardy Perennial Plants

These are Planted Once and are Always There.  
They Live Through Our Winters with Little or  
no Protection.



ANEMONE QUEEN CHARLOTTE.

## Our Special Catalogue

### OF SHRUBS, TREES AND HARDY PERENNIALS

will be sent on application. It contains a very complete list of ornamental and blooming shrubs and trees suitable for our western climate. It also describes and illustrates a very extensive list of Hardy Climbing Vines and Perennials.

**Achillea, The Pearl.** The flowers are borne in great profusion and are pure white.

**Achillea Millefolium Roseum.** Flowers, pink in dense heads. Each, 15c.; any 3 for 30c.

**Agrostemma Coronaria.** Hardy evergreen perennial, with broadish leaves; flowers, white, center red; blooms in July and August. Each, 20c.; 3 for 50c.

**Anemone, Queen Charlotte.** Blooms from August until November. Large double pink flowers. 15c. and 25c.

**Anemone, Whirlwind.** Is a hardy, strong and a free bloomer; large, white double flowers. One of the prettiest of hardy plants. Each, 15c.; 2 for 25c.; doz., \$1.50.

**Alyssum Saxatile Compactum.** Clear, golden yellow flowers, fragrant and very showy. Dwarf, compact habit. Blooms May and June. Each, 15c.; 2 for 25c.; 12 for \$1.20.

**Aquilegia, or Columbine, Alba.** Large flowering pure white variety. Each, 15c.; doz., \$1.50.

**Aquilegia Cœrulea.** This is the true blue, one of the handsomest. Each, 15c.; doz., \$1.50.

**Aquilegia Chrysantha.** Golden yellow flowered variety. Each, 15c.; doz., \$1.50.

**Arabis Alpina.** A pretty plant for rock-work or borders, forming a dense carpet of glossy green foliage and pure white flowers. Each, 20c.; 3 for 50c.; doz., \$2.00.

**Arundo Donax Variegata.** A beautiful variegated form of the above. Foliage, creamy white and green; growing 6 to 8 feet high. Each, 30c.; 2 for 50c. Larger size, each, 50c.

**Asclepias Tuberosa (Butterfly Weed).** Bright orange flowers; showy and beautiful. Blooms in July. Each, 15c.; 2 for 25c.; 12 for \$1.20.

**Bocconia Cordata.** Attaining from 6 to 8 feet in height; flowers in terminal panicles, of a creamy-white color. Each, 15c.; doz., \$1.50. Large size, each, 25c.

**Boltonia Asteroides.** A beautiful native plant, growing 4 to 5 feet high, producing white Aster-like flowers during the Summer. Each, 15c.; doz., \$1.50. Strong roots, each, 25c.

**Campanula Pyramidalis.** Forming a perfect pyramid 4 to 5 feet high, crowded with large saucer-like blue flowers. Each, 15c.; 2 for 25c.

**Carex Japonica Variegata.** A new ornamental Japanese striped grass. Each, 25c.

**Chrysanthemum Maximum.** Flowers, 3 to 4 inches across; pure white with yellow centers. Each, 15c.; 3 for 40c.; doz., \$1.50.

**Coreopsis Lanceolata.** Flowers, bright golden-yellow, blooming from June until frost. Each, 15c. Large clumps, each, 25c.; doz., \$2.50.

**Coreopsis Rosea.** Flowers, pink; height, 6 inches; very pretty border plant. Each, 15c.; 2 for 25c.; doz., \$1.50. Large clumps, each, 25c.; doz., \$2.50.

**Clematis Davidiana.** Large axillary clusters of fragrant blue flowers of bushy growth; height, 3 feet; flowers in July. Each, 25c.; 6 for \$1.25. Large size, each, 40c.

**Shasta Daisy.** Perfectly hardy, of easy cultivation and blooms for several months. The flowers are large, averaging a foot or more in circumference, with large broad petals of the purest white. One of Mr. Burbank's productions. Each, 30c.; 4 for \$1.00. Strong clumps, each, 75c.

**Digitalis (Foxglove).** A handsome and highly ornamental plant of stately growth; height, 3 feet. Each, 15c.; 2 for 25c.

**Delphinium Hybrid.** These grand Delphiniums are the handsomest of this class of plants and deserve a position in every garden. We can furnish only in mixed colors. Strong roots, each, 25c.; 12 for \$2.50.

**Delphinium Formosum (Larkspur).** Blooms from July to September. Large flower spikes; deep blue with white eye. Each, 15c.; doz., \$1.50. Larger size, each, 25c.

**Dianthus Barbatus (Sweet William).** Large flowers in various colors in great trusses; bloom most all Summer.

**Dianthus Plumarius (Pheasant Eye Pink).** Single flowers in all colors; perpetual bloomers. Each, 15c.; the 2 for 25c. Large clumps, by express, each, 20c.; doz., \$2.00.

**Dielytra, or Bleeding Heart.** Graceful sprays of heart-shaped, pink and white flowers, blooming in May or June. Each, 15c.; 2 for 25c. Strong clumps, each, 25c.; 3 for 60c.; doz., \$2.25.

## EULALIAS

These are beautiful hardy grasses, forming large clumps from two to six feet high; perfectly hardy in all sections of the country.

**Gracillima Univittata.** Narrow green leaves, with a silver-white midrib.

**Japonica Zebrina (Zebra Striped Grass).** The foliage is distinctly marked with broad, yellow bands. It grows from 5 to 7 feet in height. Price, each, 15c.; the 2 for 25c. Large size, each, 25c.

## EUPATORIUM

**Ageratoides (Thorough-Wort).** A useful border-plant, of strong free growth; 3 to 4 feet high, producing minute white flowers in dense terminal heads during August and September.

**Celestinum.** A pretty hardy plant, with light-blue flowers similar to the *Ageratum*; begins to flower in August and continues until frost; 18 to 24 inches high. Each, 25c.; the 2 for 40c.

## FESTUCA GLAUCA.

A pretty tufted grass with glaucous foliage. Each, 15c.

# Collection of Ten Hardy Ferns

Each, 20 Cents; 3 for 50 Cents. The Collection of 10 for \$1.50, Small Roots by Mail. Larger Roots, Each, 25 Cents; 10 for \$2.00, by Express.

These beautiful flowerless gems are easily handled, requiring little care and give general satisfaction. Many dreary places, shut in from sunlight, can be made brighter by a clump of ferns.

**Adiantum Pedatum (Maiden Hair).** One of the prettiest. Grows about one foot high, in rich shades.

**Aspidium Acrostichoides (Christmas Fern).** An evergreen species, about a foot high, with deep green fronds.

**Aspidium Cristatum.** This species grows from 1 to 2 feet in wet, swampy places, with fronds about 3 inches wide.

**Aspidium Marginale.** Fronds 1 to 2 feet in length, 3 to 5 inches wide.

**Aspidium Spinulosum.** A very pretty evergreen species, about 15 inches high, with finely dissected fronds about 4 inches wide.

**Asplenium Felix-Foemina.** Grows from 1 to 3 feet. Fronds ovate, oblong in outline, the foliage fine and delicate.

**Asplenium Augustifolium.** A charming fern. Grows 1 to 3 feet high, with simply divided fronds.

**Asplenium Thelypteroides.** Fronds 2 to 3 feet high, by 6 inches wide.

**Onoclea Sensibilis (Sensitive Fern).** 1 to 2 feet. Wet places, open sun or shade.

**Phegopteris Hexagonoptera (Beech Fern).** A good fern for the shady corner; 7 to 12 inches wide, broader than long.



HARDY CHRISTMAS FERN.



## Hardy Perennials

(CONTINUED)

- Funkia Variegata** (*Day Lily*). Green and white foliage, with purple flowers, borne in large clusters.
- Funkia Lancifolia**. Dark blue flowers, same habit as the white.
- Funkia Subcordata**. Flowers, pure white, on sprays 4 to 5 inches long; pale green foliage. Each, 15c.; the 4 for 50c. Large size, each, 25c.
- Gaillardia Grandiflora**. Beginning to flower in June, they continue one mass of bloom the entire Summer. Flower, 3 inches in diameter; center dark reddish brown; petals vary from scarlet-orange to crimson. Each, 15c.; 2 for 25c. Large 3-year clumps, each, 50c.; doz., \$5.00.
- Gypsophila Paniculata**. (*Baby's Breath*). Grows 2 to 3 feet high. Small white flowers. Each, 15c.; 2 for 25c.
- Helianthus Multiflorus Plenus** (*Dahlia Sunflower*). Loaded with yellow flowers; excellent cut-flower. Each, 15c.; 2 for 25c. Large size, each, 25c.; doz., \$2.50.
- Heliopsis Plicatiflorus**. Blooms all Summer; height, 2 to 3 feet; flowers, deep golden-yellow. Each, 15c.; 2 for 25c. Large size, each, 25c.
- Hemerocallis Flava**. The yellow Day Lily. Each, 10c. Large size, each, 20c.
- Hibiscus, Crimson Eye**. Flowers immense in size, pure white, crimson center. Each, 15c.; 2 for 25c. Large size, each, 25c.
- Helenium Autumnale Superbum**. Flowers deep yellow in branching panicles, produced in wonderful profusion; one of the most distinct and striking perennial plants. Flowers in September. Each, 15c.; 6 for 75c. Large size, each, 25c.

## HOLLYHOCKS

These handsome, showy plants are at present great favorites. Their unique growth give them a welcome everywhere. As a background in large borders or beds of the lower herbaceous plants there is nothing better. For planting in rows or groups on the lawn, or interspersing among shrubs, they are invaluable. Our stock consists of fine well-grown field plants, ready to bloom this year, raised from the best strain of Chater's seed. Their flowers are large, double, handsome in form as a Camellia and of lively shades of color. Double White; Double Salmon; Double Yellow; Double Crimson; Double Pink. Price, each, 15c.; 3 for 40c.; doz., \$1.25. Larger Plants, each, 25c.; 3 for 60c.; doz., \$2.00, by express.

**New Everblooming Allegheny Hollyhocks**. We can supply one year old plants of these, in mixed colors only at 15c., each; 3 for 40c.; doz., \$1.25.

**Iberis, or Hardy Candytuft**. Of spreading habit, flowers pure white, completely covering the plant with bloom. Each, 20c.; 3 for 50c.

## JAPANESE IRIS.

These magnificent Iris are among the most beautiful of our Summer-flowering plants. They commence blooming about the middle of June and continue in bloom 5 or 6 weeks. Many of the flowers measure 8 to 10 inches in diameter. Our collection imported from Japan consists of the very choicest. We omit the Japanese names, giving only the colors in both double and single. Pure White; Deep Blue; Violet; Reddish Blue; White, Yellow center; Light Blue; Purple; Bright Pink; Blue, Striped White; White and Pink; Mottled White; Purple and Crimson. Price, each, 20c.; 3 for 50c.; large clumps, each, 30c.; doz., \$3.00, by express. One each of 12 distinct kinds for \$3.00, by express. Choice mixed varieties, each, 15c.; 2 for 25c.

## IRIS GERMANICA.

*German Iris, (Fleur de Lis.)* The German Iris is one of the most desirable early Spring-flowering plants.

- German Iris**. Mixed colors. Each, 15c.; 6 for 50c.
- Candicans**. Fine light blue. **Honorabilis**. Orange, lower petals brown.
- Mme. Chereau**. Pearly-white, edged with lavender-blue.
- Queen of the Gypsies**. Lavender and bronze, feathered rich plum, white and buff.
- Silver Queen**. White, with lilac markings.
- Spectabilis**. White, penciled blue.
- Walneri**. Lilac, lower petals dark blue.
- Virgile**. A fine shade of mauve, lower petals purplish-lilac, with bronze markings. Each, 15c.; 3 for 40c.; 12 for \$1.50. Set of 8 varieties for \$1.00, postpaid.

**Lathyrus Latifolia Rubra**. Hardy red sweet pea. Each, 20c.; 3 for 50c.; large size, 30c.

**Liatris Gramenaeifolia**. Flowers from August to October. Spikes two feet high of rich rosy purple flowers. Each, 15c.; doz., \$1.50.

**Lily of the Valley**. Clumps. See Hardy Lily page.

**Sweet Lavender**. The leaves are sometimes used for seasoning, but the plant is chiefly grown for its flowers, which are used in the manufacture of perfumery. Strong plants; each, 25c.; 3 for 60c. Small size, 15c.

**Lobelia Cardinalis**. Rich, fiery cardinal flowers. Each, 20c.; 2 for 35c.

**Lychnis Chalcedonica fl. pl.** Producing immense heads of scarlet flowers. Extra fine. Each, 15c.; 2 for 25c.; large size, each, 25c.

**Lythrum Roseum Superbum**. 3 to 4 feet high, producing large spikes of rose-colored flowers from July to September. Each, 15c.; doz., \$1.50.

**Mint**. Old-fashioned mint. Each, 15c.; 2 for 25c.; large clumps, each, 40c.

**Old Man or Rosemary**. Strong clumps, each 40c.

**Orchid-Cypripedium Spectabile**. This is the handsomest and one of the rarest of all hardy Orchids. The broadly ovate sepals and petals are pure white, while the large inflated pouch is a beautiful soft rich rose color. It is a strong grower, often reaching 3 feet in height. In places where the soil is of rich vegetable matter, this plant will succeed admirably in a shady spot, and should be planted deep, as the roots are then cool and moist during the hot weather and do not suffer from frost in winter. Prices, large clumps 3 to 6 Crowns, each, 35c.; 3 for \$1.00; per doz., \$3.50.



DOUBLE HOLLYHOCK.



JAPANESE IRIS (KAEEMPFERI).

**Incarvillea Delavayi**. A new hardy, tuberous rooted plant; one of the choicest perennial plants of recent introduction. It produces large, rose colored, trumpet-shaped flowers, which remain in perfection a long time. These are produced in clusters on stems 16-18 inches high. The plant is a vigorous grower. Each, 25c.; 3 for 60c.; doz., \$2.00. Large 3 year old roots, each, 50c.; 3 for \$1.25.



INCARVILLEA DELAVAYI.



GERMAN IRIS.





GRANDIFLORA RUBRA.



## PÆONIES



ONCE PLANTED THEY WILL LAST  
A LIFETIME WITH LITTLE CARE.

These great big-hearted flowers of June are coming again to be as much liked as they were by our grandfathers, and as they have always been by those wonderful Japanese gardeners. They grow from one to three feet high, producing the most magnificent blooms, which sometimes almost surpass the beauty of the Rose. Another point which is largely in their favor, is the fact that the plants are never attacked by either insects, animal or fungal disease. Pæonies will succeed in most any kind of soil, but give best results when planted in a deep, rich and somewhat moist loam. Our collection of Pæonies is one of the largest and choicest in this country, and we offer roots in all sizes at practically wholesale rates in order to give all of our friends and customers a chance to plant liberally of them.

**Officinalis Rosea Rubra.** The well known crimson variety of our grandmothers' days. Each, 25c.; doz., \$2.50.

**Officinalis Rosea.** The well-known deep pink variety. Each, 25c.; doz., \$2.50.

**Pæonia Tenuifolia Fl. Pl.** A very early, distinct Pæony with wonderful fern-like foliage and handsome double red flowers in color like General Jacquemint Rose. Each, 30c.; 4 for \$1.00.



FESTIVA MAXIMA.

### DOUBLE CHINESE PÆONIES.

**Festiva Maxima.** This is the most beautiful of all the white Pæonies. The flowers are of extra large size and petals are fine as silk. Color, pure white with a crimson drop in the center. Each, \$1.00; 6 for \$5.00; 12 for \$9.00.

**Festiva Alba.** A grand white, large in size; splendid full flower, exceptionally free in bloom.

**Grandiflora Rubra.** Extra large, perfect balls of blood red, magnificent flowers. Probably the largest Pæony in existence. Given a good, rich soil, the flowers will be immense in size, often eight to nine inches across, and so double as to appear like perfect balls. A massive, late-blooming, superb variety.

**L'Esperance.** Exceedingly fine, vivid rose-colored flower, high, full center; very compact, early and free-flowering; highly perfumed.

**Mad. Chaumy.** Flower very large, double and full. Color, satiny pink.

**Rubra Triumphans.** Early bloomer; flowers like glowing crimson satin, intense, rich and brilliant; very sweet scented.

**Victoria Tricolor.** Outer petals pale rose, mottled with pink; center ones yellowish white, with a few red marks; very large, full and sweet.

Price, above 6 kinds, except noted, each, 35c.; the 6 for \$2.25, by express prepaid. Clumps, each, 50c.; 6 for \$2.50, by express at buyer's expense.

### NEW EARLY FLOWERING HARDY PHLOX.

These we consider the most desirable of all hardy perennials, flowering abundantly from July until late in the Autumn. These new French varieties are of a dwarf growth, seldom attaining a height of over 12 to 18 inches. The immense flower heads often measure from 7 to 9 inches across with flowers as large as a silver dollar, and comprise all shades of color, vermillion to white. They delight in sunny location and rich soil, but are by no means particular.

**Amor.** Pure pink, center light flesh pink. Dwarf bushy compact growth, forming large round compact flower heads produced in great abundance throughout the summer.

**Aquillon.** Carmine rose, shaded salmon, crimson eye, large sized flower and large cone shaped flower heads. Very fine.

**Cameron.** Large perfect flowers, flesh pink with large crimson center forming large compact flower heads. Extra fine, flowers almost as large as a silver dollar.

**Coquelicot.** The finest of all Phlox, brightest and most showy color. Extra large compact flower heads. Color, bright orange scarlet with crimson eye. A dwarf grower and profuse bloomer.

**Cross of Honor.** Medium sized flowers, pure white with a band of rosy lilac in the center of each petal in the form of a Maltese cross. A very odd and striking color.

**Eclairer.** One of the strongest growing Phlox. Height 2 to 2½ ft. Dense panicles of enormous dark crimson flowers, center rosy salmon, surrounded with a starry wreath of rosy white. Extra good.

**Esclarmonde.** Very large flowers of a rosy lilac, shaded white, large purple center, surmounted with a white halo. Flower trusses of immense size. Height, 3 ft.

**Pearl.** Large, perfect, pure white flowers, one of the most beautiful of these French kinds; plant is very dwarf. The enormous flower heads are in breadth almost equal to the height of the plant. A most attractive plant for border.

We offer three sizes: 1st size are small plants from pots and will bloom in August.

2nd size are 1 year old roots and will give you double the flowers of the small size.

3rd size, the 2 year old size will give you a grand show of flowers the first summer.

	Each	Doz.	Per 100.
Price, any of above 1st size.	15c.	\$1.50	\$10.00
" " " 2nd size.	25c.	2.50	20.00
" " " 3rd size.	50c.	5.00 by express.	

**Phlox Collection (A).** One each of the above 8 sorts, 1st size, \$1.00, postpaid.

**Phlox Collection (B).** One each of the above 8 sorts, 2nd size, \$1.75, postpaid.



HARDY PHLOX.

### PÆONIES TO COLOR.

	1st size, 3 eyes and upward.	Extra size, 5 eyes and upward.	Mammoth Size.
DOUBLE CRIMSON,	Each, 25c.	Each, 50c.	Each, \$1.00.
DOUBLE WHITE,	Doz., \$2.50.	3 for \$1.25.	3 for \$2.50.
DOUBLE PINK.	Per 100, \$18.00.	Doz., \$5.00.	Doz., \$10.00.
		Per 100, \$40.00.	

The above prices include prepayment either by mail, express or freight. We can also supply in limited number and in colors as mentioned above large undivided clumps, each containing ten to fifteen eyes. Price, each, \$2.00; 3 for \$5.50; per doz., \$17.50, prepaid to destination.

### JAPANESE PÆONIES.

Three Fine Single Japanese Pæonies. Some of the Single Pæonies are even more beautiful than the double. They are large in size of flowers and more delicate in coloring. We offer white, crimson and rose. Each, 35c.; the 3 for \$1.00, prepaid. **New Japanese Tree Pæonies.** These Pæonies attain a height of 4 to 6 feet, and when in bloom present a most gorgeous appearance. Flowers of immense size, very double and in great variety of color. We offer four distinct varieties in the following colors: bright rose, pure white, bright red, delicate flesh. Strong 2 year old plants, each, \$1.00, or one each of the four colors for \$3.50, by express.

**PHALARIS ARUNDINACEA VARIEGATA.** Variegated Ribbon grass. Each, 10c.; 3 for 25c.

**PHLOX SUBULATA.** Moss pink, spreading stems and narrow, moss-like leaves, flowers pinkish purple with dark center. Each, 15c.

**PARDANTHUS SINENSIS.** (The Blackberry Lily.) Orange colored flowers, succeeded by berries resembling Blackberries. Each, 15c.

**PENSTEMON.** Blooms all Summer, ranging in all colors from pure white to deep crimson. Each, 15c.

**PYRETHRUM, Little Gem.** Flowers pure white, blooms all Summer. 15c.

**P. ROSEUM.** Pink colored flowers. Each, 15c.; 2 for 25c.

**Physostegia Virginica.** One of the most beautiful of our summer flowering perennials, forming dense bushes 3 to 4 ft. high, bearing spikes of delicate tubular flowers not unlike gigantic heather. Color bright soft pink.

**Physostegia Alba.** Pure white, very fine. Each, 15c.; 2 for 25c.

### HARDY GARDEN, OR SCOTCH PINKS.

Each, 10c.; the 6 for 50c.; large clumps each, 20c.; doz., \$2.00.

**Alba Fimbriata (White Fringed).** A beautiful white garden Pink, elegantly fringed; clove-scented; very double; blooms profusely.

**Eari of Carlisle.** Flowers deep carmine red, elegantly marbled with white.

**Her Majesty.** The exquisite clove-scented flowers are produced in wonderful abundance on long stiff stems; they are perfectly double, exceedingly large and in color lovely clear white.

**Jeau Sisley.** Pink flowers, red centers.

**Juliet.** This charming variety is a very distinct type; the blooms are produced in profusion and emit a clove-scented aroma; cherry red, variegated pink and white.

**Laura Wilmer.** White, purplish-maroon center.

**Platycodon Grandiflora.** A constant bloomer from early Spring until Fall. Immense masses of bell-shaped flowers. Each, 15c.; 2 for 25c.

**Platycodon Mariesi Macranthum.** New Tuberous Rooted Clematis. This is a grand thing, not a climber, but a low-growing bushy, herbaceous plant with handsome deep green foliage and bearing grand clusters of beautiful large bell shaped flowers, lovely violet blue, and resembling the Jackmanni Clematis in graceful beauty. It makes a handsome, vigorous plant, from one to two feet high, needs no staking, blooms from early June until October. Each, 15c.; doz., \$1.50.

**Plumbago (Lead-wort) Larpentae.** Of dwarf, spreading habit, growing 4 to 6 inches high; useful as an edging plant or for the rockery; covered with beautiful deep blue flowers during the Summer and Fall months. Each, 20c.; 3 for 50c.

**Poppy, Iceland.** These range in color from the purest white and yellow to the deepest orange scarlet. Height 12 to 18 inches. Often a hundred flower stems on a single plant and bloom from June until October. Each, 15c.; doz., \$1.50; large clumps, each, 25c.

**Poppy (Hardy Oriental).** Large flowers, range in color from white and yellow to the brightest scarlet. Blooms all Summer. We only have mixed colors. Each, 15c.; 2 for 25c.



## Double Rudbeckia, Golden Glow.

This is decidedly one of the brightest and most showy among the hardy plants and one of the easiest culture possible, commencing to bloom in July and continuing until killed by frost. The plant is compact, growing from 4 to 7 feet high, producing numerous stems which are laden with double golden-yellow flowers, in size and general shape resembling a Cactus Dahlia. Excellent for cut flowers, lasting well when cut.

**Maxima.** A rare and attractive variety, growing 6 feet high, with broad, oval glaucous, green foliage, and immense flowers, frequently 6 inches across, of 2 inches long. It flowers continuously from June to September.

bright yellow, with a cone

**Sub-Tomentosa.** A pyramidal, densely branched plant 2½ ft. high which is completely enveloped in a mass of brilliant lemon yellow flowers with dark purple centers. Any of the above Rudbeckias, each, 15c.; 3 for 40c.; 12 for \$1.50; large clumps, each 25c.

**Sedum Spectabilis (Brilliant Stone-crop).** One of the prettiest erect-growing species, attaining a height of 18 inches, with broad, oval, light green foliage and immense, showy heads of handsome rose-colored flowers; indispensable as a late fall-blooming plant. Each, 25c.; doz., \$2.50; large plants, each 50c.

**Scabiosa Caucasica.** This is one of the handsomest of perennials. Flowers soft lilac blue. Each, 20c.; 3 for 50c.; large size, each 40c.

**Statice Latifolia (Great Sea Lavender).** Forms large heads 2 feet across, composed of pyramids of lavender flowers. Each, 15c.; 2 for 25c.

**Stokesia Cyanea.** Produces showy aster-like deep blue flowers in clustered heads from June until frost. Height 18 inches. Each, 25c.; doz., \$2.00.

**Veronica Spicata.** An elegant border plant, growing about three feet high, producing long spikes of bright blue flowers. Lasts for weeks. Each, 25c.; 3 for 60c.

**Yucca Filamentosa (Adam's Needle).** Flowers pure white, drooping, borne upon long stems. A fine plant for the lawn or cemetery; hardy and evergreen. Each, 15c.; 2 for 25c. Large plants, by express, each, 25c.; 5 for \$1.00, or larger size, each, 50c.; doz., \$5.00.



GOLDEN GLOW.



TRITOMA PFTIZERII.

**Red Hot Poker Plant (Tritoma Pfitzerii).** The greatest bedding plant ever introduced, surpassing the finest Cannas for attractiveness and brilliancy, showy as the Gladiolus as a cut flower, and blooms incessantly from June until November. Plants perfectly hardy with protection. Plants show from 6 to 20 grand flower stalks all the time, each holding at a height of 3 to 4 feet a great cluster of flame colored flowers of indescribable beauty and brilliancy. Each cluster keeps perfect several weeks, and when it fades two or three more are ready to take its place. For cutting it is unsurpassed, as the beautiful long spikes keep several weeks in water. Strong plants that will bloom the first Summer. Each, 30c.; 4 for \$1.00; 12 for \$2.50.

## Select Small Fruits

### BLACKBERRIES.

Plant in rows 8x4 feet.

If to go by mail, add 35 cents per 100 for postage.

**Eldorado.** Of largest size and best quality, and having so little core that it cannot be noticed in the eating. It far surpasses any Blackberry on the list to-day. Each, 10c.; doz., 75c.; 50 for \$1.50.

**Snyder.** The old reliable; fruit rich and melting; no core; very hardy. Per doz., 60c.; per 100, \$2.50.

**Stone's Hardy.** Best variety for the North; fruit rich and melting. Per doz., 60c.; per 100, \$2.50.

**New White Blackberry, "Iceberg."** The berries are of good size. The color is ivory white. The fruit is sweeter, earlier and more tender than the Lawton. Each, 10c.; 3 for 25c.; 12 for \$1.00, postpaid; per 100, \$6.00, postpaid.

### CURRENTS.

Add 25c. per dozen for postage on 2 year plant prices if to go by mail.

**The New "Marvin Crystal" Currant.** Truly giant bunches, borne in great profusion. Should be in every garden. It is wonderfully prolific, bearing nearly two to one compared with the well known Cherry Currant. The berries are white and as large as small grapes. In flavor it is mild and free from the sharp sourness of the red varieties. Price, 2 year old plants, each, 15c.; 3 for 40c.; per 100, \$8.00, prepaid. Price, 1 year old plants, each, 10c.; 3 for 25c.; per 100, \$4.00, prepaid.

**North Star Currant.** It is a bright red color, and is the sweetest and best flavored Currant known. It is an early and prolific bearer, many of the clusters measuring from three to five inches in length. It is of large size. One year, each, 10c.; doz., \$1.00. 2 year, each, 20c.; doz., \$2.00, by express.

**Victoria Black.** Imported by us from England. We believe it to be the finest and largest Black Currant up to date; splendid for jellies, preserves, etc. Price, each, 15c.; 6 for 70c.; 12 for \$1.25. 2 years old, each, 25c.; doz., \$2.50.

**Fay's Prolific.** The leading red market variety.

**Red Dutch.** The old well known red currant.

Price of any latter 4 sorts; 1 year old, each, 10c.; doz., \$1.00; per 100, \$4.00, by express. 2 year old, each, 20c.; doz., \$2.00; per 100, \$10.00, by express.

**White Dutch.** The well known white currant.

**Lee's Prolific.** One of the best black currants.

### GOOSEBERRIES.

**New Gooseberry, Keepsake.** A very large, straw-colored variety of the finest quality and largest size. It is highly spoken of in England, being fit for use in that country April 24th. It is an excellent shipper; its abundant foliage protects the fruit. We offer imported plants. 1 year plants, each, 20c.; doz., \$2.00, postpaid. 2 year plants, each, 30c.; 6 for \$1.50, by express.

**Industry.** It is one of the heaviest croppers. It possesses a peculiar advantage over other kinds by coming into leaf some time before it flowers, consequently the foliage protects the bloom from destructive Spring frosts; the fruit is of largest size, and very sweet, very early and freest from mildew of any English variety. 1 year plants, doz., \$1.20; 4 for 50c.; each, 15c. 2 year plants, 100 for \$14.00; 50 for \$7.50; doz., \$2.00; 3 for 60c.; each, 25c., postpaid.

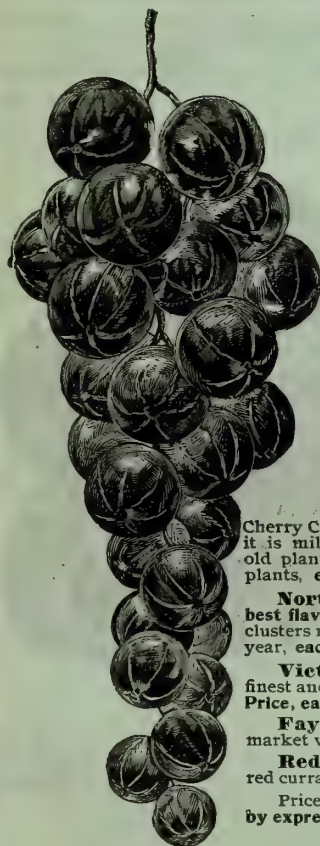
### THE NEW LOGAN BERRY.

A thornless Blackberry-Raspberry; ripens its fruits before raspberries; bears the first year; most remarkable fruit ever offered; hardy as a rock; stands driest weather; fruits on poorest soils, where all other fruits fail. As large as the largest blackberry; rich, dark, purplish red. Ripens in June. Price, each, 15c.; 3 for 35c.; 12 for \$1.00; 50 for \$4.00, by express.

### Send for Our Special Catalogue

#### of Shrubs, Trees and Hardy Perennials

It contains a very complete list of small fruits, fruit and shade trees suitable for our western climate.



NORTH STAR CURRANT.



INDUSTRY GOOSEBERRY.

**New Gooseberry, Red Jacket.** It is the best red Gooseberry in existence; has good foliage; mildew proof; yields well. The berry is as large as Keepsake, smooth, bright red color and of excellent quality. Each, 20c.; 6 for \$1.00, postpaid.

**Downing.** Largest of our native Gooseberries; pale green; very sweet. 1 year, doz., \$1.00; each, 15c., postpaid; 2 year, per 100, \$12.00; doz., \$2.00, by express; 3 for 60c.; each, 20c., postpaid.

**Houghton.** Well-known, medium size, pale red, very productive. 1 year, per 100, \$4.00, by express; doz., \$1.00; each, 10c., postpaid. 2 year, each, 15c.; doz., \$1.50, by express.



## Grapes



SENATOR  
DUNLAP.

**Brighton**—Dark red, bunches large, berry medium size, skin thin, flesh tender, quality the best. Must be grown with other sorts, as it does not pollinize itself.

**Concord**—Well known; reliable.

**Delaware**—Bunches small, compact, shouldered; berries small, round; skin thin, light red; flesh very juicy.

**Niagara**—Vine hardy; unusually strong grower; bushes large and compact; berries mostly round; light greenish white, semi-transparent, slightly ambered in the sun; skin thin, tough; sweet to center.

**Worden**—Black, handsome, compact bunch; ripens three weeks earlier than Concord.

Price, postpaid, 1 year old, each, 15c.; any 3 for 30c.; 12 for 75c.; 2 year old, each, 20c.; any 3 for 50c.; 12 for \$1.50. If ordered by express, larger plants will be sent. Price, extra heavy grade, 3 year old vines, by express, each, 30c.; 3 for 75c.; 12 for \$2.50.

### CAMPBELL'S EARLY GRAPE, the King of American Grapes.

This is confidently believed to be a grape in all respects better adapted to general use in all sections suited to our native varieties than any other which has yet been grown and tested. Berries large, nearly round, often an inch or more in diameter; black, with light purple bloom; skin thin. Flavor rich and sweet. 1 year old vines, each, 35c.; dozen, \$3.00, by express. 2 year old vines, each, 50c.; dozen, \$5.00, by express.

## Strawberries

Varieties marked (P) have imperfect flowers; they will not produce well unless every fourth or fifth row or plant is a perfect flowering variety, as are all not so marked. Thus planted the (P) sorts are the most productive. Price, except where noted, 1,000, \$5.00, by express; 100, \$1.00; dozen, 25c, postpaid.

**The New Strawberry, Senator Dunlap.** The plant is all that can be desired in a Strawberry. Exceedingly vigorous. The fruit is of large size, regular and attractive in form, deep red in color without and within, firm in substance and excellent in quality. The latter is peculiar to itself. The season is among the earliest and it continues productive nearly a month. Price, per dozen, 50c.; 25 for 80c.; 100 for \$3.00, prepaid; 250 by express, \$5.00.

**The New Strawberry, "Rough Rider."** Enormously productive, hardy and free from disease. Berries very large; roundish, but elongated. Color dark red like Gandy. The latest and firmest Strawberry in existence. Its blossom is perfect. Price of extra strong plants, dozen, 75c.; 100, \$3.00, postpaid. Per 1,000, \$25.00, by express.

**The New Strawberry, "Splendid."** One of the berries that is destined to take a prominent place with fruit growers. The plant is a luxuriant grower and bears abundantly. The fruit is large, and far above the average in quality and appearance. Desirable for either home use or market. Per dozen, 40c.; 25 for 75c.; 100 for \$1.75, postpaid.

**Brandywine**—Berries large; ripen late. One of, if not the best, well tested large varieties for both home and market use.

**Gandy**—The best late variety in cultivation. Berries large, of fine form and excellent quality, flesh firm; a good shipper.

**Jessie**—One of the most perfect berries grown, large prolific, and free from rust.

**Haverland.** (P)—Long conical berry, bright red; very productive, good quality, moderately firm. Dozen, 25c.; 100, 80c.

**Wilson's Albany**—Well known sort; early to medium.

**Bubach's No. 5.** (P)—Fruit large; very prolific; popular in the Chicago market.

**Warfield's No. 2.** (P)—A great market berry; dark crimson, fine flavor, very firm.

**A Strawberry Collection**—100 fine, healthy plants, in Four Good sorts, our choice prepaid, 80c.

## Raspberries

Add for Postage, 10c. per dozen;  
50c. per 100.

**The Loudon.** This is truly a large fruited kind; the largest Red Raspberry we have ever seen. When boxed for market it outclasses everything in the Red Raspberry line and sells quicker and for more money. Another good point should be remembered by those about to plant berries—it is an almost everbearing variety, continuing to throw up new fruiting branches late in the season. Each, 10c.; 6 for 35c.; 12 for 60c.; 100, \$2.00.

**The Columbian.** Of the many promising red berries none of this valuable and profitable class come before the small fruit buyers with brighter promise than this. We have no doubt of the wisdom of investing \$10.00 to \$50.00 in this berry. The fruit is cone shaped, of dark red, almost purplish color. It adheres firmly to the stem and will dry on the bush if not picked. Fruiting season extends from July 10th to August 15th. It is an excellent shipper and its productive habit is well seen in the fact that 3,511 bushes produced an average of 5 quarts each. Each, 10c.; 6 for 35c.; 12 for 60c.; 100, \$2.00.

**Golden Queen.** The best of all Raspberries for eating out of hand. It is a sport of that popular variety, Cuthbert, and might be called Golden Cuthbert. It is of large size, high quality, hardy, productive and of great beauty. Midseason.

**Older.** Of strong growth, producing canes very much branched, giving more fruiting surface than any other Black Cap. The fruit is of a shiny coal black, without bloom; rich, juicy and has very small seeds.

**The Kansas.** The best of all Black Caps. Ripens with or just after Souhegan; berries large or larger than the Gregg, jet black, firm, handsome and of the best quality; very vigorous growth; exceedingly productive.

**Shaffer's Colossal.** Truly colossal, plant and fruit, and ironclad in hardiness; dark red berries of a sprightly, sub-acid flavor. Increase from the tip.

**Gregg.** Large Black Cap; heavy bearer. Price, except noted, each 10c.; 12 for 50c.; 100 for \$1.50.



COLUMBIAN RASPBERRIES.

## Fruit Trees

Prices quoted are for shipment by express or freight at buyers' expense.

**APPLES.** **Bismarck**—A dwarf-growing early bearing German Apple. Two-year-old trees seldom fail to produce fruit. Tree is of short and stocky growth and has been largely grown in pots for decorative purposes. Fruit, golden yellow. 5 feet trees, each, 50c.; 6 for \$2.50; 1 year trees by mail, each, 30c.; 4 for \$1.00.

**Yellow Transparent Apple**—Large sized fruit. An early and good bearer annually; skin pale yellow; juicy; sub-acid; quality good. Season early in August. 3 feet trees, each, 15c.; 12 for \$1.50.

**Alexander**—Large, beautiful red. Autumn.

**Ben Davis**—Large, handsome shaped. Winter.

**Duchess of Oldenburg**—Yellow and red, juicy. Autumn.

**Northern Spy**—Large, striped, sub-acid. Winter.

**Walbridge**—Handsome, striped red. Winter.

**Baldwin**—Large, bright red, juicy. Winter.

**Winesap**—Medium, deep red, well known. Winter.

**Early Harvest**—Medium, pale yellow, tender and juicy.

**Golden Russet**—Medium, dull russet, crisp and juicy.

Price, except noted, 5 to 7 feet trees, each 25c.

**NECTARINES.** **Boston**—Large, deep yellow. September.

**Downton**—Large, pale green. August.

Price, 4 feet trees, each, 35c.; 3 for \$1.00.

If ordered sent by mail, smaller size will be sent at same price

**CHERRIES.** **Windsor**—It originated in the cold climate of Canada, and is therefore very hardy. The fruit is very large, of dark liver color, firm, solid and rich; good quality. Trees 4 to 5 feet, each, 35c.; 3 for \$1.00.

**Black Tartarian**—Large black, last of June.

**Campbell**—Large Red Sour. **Dyehouse**—Large Red, early.

**Early Richmond**—Dark Red, juicy.

**English Morello**—Blackish Red, late.

**Sweet Cherry**—Firm and juicy. **Wragg**—Dark Purple, July.

Price, except noted, trees 5 to 6 feet, each, 50c.; 6 for \$2.50.

**PEAR.** **Koonce**—Thoroughly tested for several years. Has produced good crop when all other varieties were killed by frost. Fruit, medium to large, yellow with carmine cheek; quality good, ripens with the earliest, which makes it the leading early market variety.

**Bartlett**—The most popular summer Pear, large fruit of musky melting flavor. The tree is a vigorous grower, an early and abundant bearer. A favorite the world over.

**Clapp's Favorite**—Very large, yellow and dull red, very fine. August.

**Kieffer**—One of the very best, extra large, exceedingly profitable. Oct.

**Flemish Beauty**—Large, juicy, rich; one of the hardiest.

Price, 5 to 7 ft. trees, each, 35c.; 3 for \$1.00.

**QUINCE MEECH**—A vigorous grower and immensely productive. The fruit is large, lively orange yellow, of great beauty and delightful fragrance; its cooking qualities are unsurpassed. 4 year old trees, each, 50c.



## Fruit Trees (Continued)

Prices quoted are for shipment by express or freight at buyer's expense. If ordered by mail, smaller sizes will be sent at same price. Send or our special Fruit and Shrub Catalogue.

### CRAB APPLES.

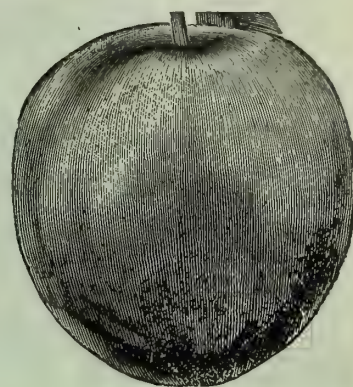
**Hyslop.** Large, deep crimson, one of the best. October.  
**Siberian.** Large, golden yellow. September.  
**Whitney.** One of the largest, green splashed carmine. August.  
**Transcendent.** Immensely productive, one of the most popular. September and October. Price, 5 to 7 feet trees, each, 35c.; 3 for \$1.00.

### MULBERRIES.

**New American.** Vigorous grower; very productive; the best variety for fruit; ripe from middle June to middle September. Trees 4 to 6 feet, each, 50c.; 6 for \$2.50. 3 to 4 feet, each, 25c.; 6 for \$1.25.

**Russian.** Very hardy, vigorous grower. Fruit of small size, varies in color from white to black. Large trees, 5 year old, 6 feet, each, \$1.00. Trees 3 to 4 feet, each, 35c.; 6 for \$2.00.

**Teas' Weeping Mulberry.** Trees 4 to 5 feet high, 1 year old. Grafted tops, each, \$1.00; 3 for \$2.50. 2 year, grafted tops, each, \$2.00; 3 for \$5.00, by express only.



ABUNDANCE PLUM.

**PLUMS.** **Abundance.** This is the Plum for you, if you try but one. Lemon yellow ground, nearly overspread with cherry; flesh yellow, rich and perfumed. 3 ft. trees, each, 20c.; 3 for 50c.

**Apple.** Named because of its close resemblance to an apple. Fruit, large, deep purple; bears abundance of fruit in September.

**Burbank.** The best and most profitable among growers for market; ripens ten to fourteen days after Abundance. Tree hardy, sprawling, vigorous grower, unequalled in productiveness; bears young. Fruit large, excellent quality; cherry red with lilac bloom. August. 3 ft. trees, each, 20c.; 3 for 50c.

**De Soto.** Very hardy, bright red.

**Wolf.** Very popular variety, large size, immensely productive. August. Price, 5 to 7 ft. trees, each, 35c.; 3 for \$1.00.

**PEACHES.** **Triumph.** Earliest yellow flesh Peach. Sure and abundant bearer. Fruit yellow with red and crimson cheeks. 3 ft. trees, each, 20c.; 3 for 50c.

**Wonderful.** Freestone Peach. Rich golden yellow, overspread with rich carmine; excellent keeper. 3 ft. trees, each, 20c.; 3 for 50c.

**Elberta.** Large yellow. One of the leading market varieties.

**Crosby.** One of the hardiest; abundant bearer; bright yellow. September. Price of above 4 Peaches, 5 to 7 ft. trees, each, 25c.; 5 for \$1.00.

**Walnut, Japan.** Perfectly hardy, rapid grower, bears young and abundantly. Worthy of extensive planting. Each, 25c.; 5 for \$1.00.

## Handsome Hardy Shrubs

Prices given below for the different sizes we have, according to the shape, height and age of the bush. Buyers will find it to their advantage to plant the larger sizes, they giving the best satisfaction. These shrubs are sent by express or freight at buyer's expense, except the smallest sizes, which go by mail and prices include postage.

<b>Almonds.</b> Flowering, double white and red, 3 feet.....	Each.	\$ 30	Doz.	\$ 3 00
<b>Altheas.</b> Jeanne d'Arc, Double white.....	1 foot bushes.....	15	1 50	
" Boule de Feu, red.....	2-3 feet.....	25	2 50	
" Rosea, Pink.....	4-5 feet.....	40	4 00	
" Violacea Plena, Violet.....				
<b>Azalea Mollis.</b> Strong bushes, full of buds.....		50	5 00	
<b>Barberry Thunbergii.</b> Small size, 15c. and 25c. Larger size.....		40	4 00	
" <b>Purple-Leaved.</b> Small size, 15c. and 25c. Larger size.....		35	3 00	
<b>Buddleia Variabilis.</b> 2-3 feet. Each 25c. Larger size.....		40	4 00	
<b>Calycanthus Floridus.</b> 1 foot bushes. Each 15c. 2-feet.....		25	2 50	
" Large bushy plants, 3 feet high.....		35	3 50	
<b>Colutea Arborescens.</b> Each 15c. and 25c. Larger size.....		50	5 00	
<b>Cornus (Dogwood).</b> Variegated Elegans. 25c. and.....		50	5 00	
" Spaehtii Aurea, 2-year old.....		25	2 50	
" White or red, 3-4 feet.....		25	2 50	
<b>Crab.</b> Bechtel's Flowering Crab. 4 feet trees.....		1 00	10 00	
<b>Crataegus.</b> Double Scarlet Thorn and Double White. 4-5 feet.....		50	5 00	
<b>Current.</b> Crimson and Yellow Flowered, 15c. 2-3 feet.....		50	5 00	
<b>Cydonia Japonica.</b> (Japan Quince.) 15c. 2-3 feet.....		40	4 00	
<b>Cytisus Laburnum,</b> or Golden Chain. 15c. 4-5 feet.....		50	5 00	
<b>Deutzia.</b> Crenata, Fl. pl. ....				
" Candida.....	Each 15c., 25c., 40c. and 60c.			
" Fortunei.....	Depending on size bush.			
" Gracilis.....				
" Lemoinei.....				
" Pride of Rochester.....				
<b>Elaeagnus Longipes.</b> 25c. each; doz., \$2.50; larger size.....		50	5 00	
<b>Elder.</b> Golden leaved. 3 feet, 35c.; 5 feet.....		75	8 00	
" Cut Leaved. Small size, 15c.; 6 feet.....		75		
<b>Exochorda Grandiflora.</b> 3 feet.....		35	4 00	
<b>Forsythia Viridissima.</b> 15c. 3-4 feet.....		35	4 00	
<b>Fringe or Smoke Bush.</b> Purple or white, 15c. 3-5 feet.....		60	6 00	
" Purple, in tree form, 8 feet.....		1 00		
<b>Ginkgo Biloba.</b> 2-year old, 15c. 5-7 feet.....		75	8 00	
<b>Halesia Tetraptera.</b> (Snowdrop Tree.) 3 feet.....		50	5 00	
<b>Hamamelis Virginica.</b> (Witch Hazel.) 3-4 feet.....		60	5 00	
<b>High Bush Cranberry.</b> (Viburnum Opulus.) 3 feet, 25c. 5 feet.....		50	5 00	
<b>Honeysuckle.</b> Upright or bush form, both pink and white. 2 sizes. Each 25c. Larger size.....		50	5 00	
<b>Hydrangea Paniculata Grandiflora.</b> 1 foot.....	Each Doz.	\$0 15 \$1 50		
" " " 2 ft. Each 25c.; 3 ft. ....		40 4 00		
" " " Tree form. 3-4 ft. ....		75 8 00		
<b>Lilac.</b> Chas. X. Reddish purple. 15c. 3-4 feet.....		40	4 00	
" Le Gaulois, Double Crimson, 2-year old.....		25	2 50	
" Madam Lemoine, Double White. 25c. 2-3 feet.....		50	5 00	
" Persian Lilac, White and Purple. Small size.....		15	1 50	
" Large Bushes, depending on size and shape. 30c.; 50c.....		75		
" Rubra de Marley, Purple. 15c. 3-4 feet. 40c. and.....		60	6 00	
" Tree or Japonica. 25c. 3-5 feet.....		75		
" Common White and Purple. Sizes, from 2 to 5 feet.				
Prices, 25c., 40c., 60c., 75c. and.....		1 00		
<b>Ligustrum Itoha.</b> (Hardy Privet.) 15c. 2-3 feet.....		35	4 00	
<b>Maple Japan.</b> Cut-leaved, 2 feet.....		2 50		
<b>Mulberry.</b> Teas' Weeping. \$1.00 and.....		2 00		
<b>Magnolia Halleana.</b> 3 feet.....		3 00		

## Our Special Catalogue

### of Shrubs, Trees and Hardy Perennials

will be sent on application. It contains a very complete list of ornamental and blooming shrubs and trees suitable for our western climate.



LILAC BLOSSOM.

<b>Magnolia Soulangeana.</b> 4 feet.....	Each	\$3 00	Doz.	
<b>Philadelphus Coronarius,</b> or Mock Orange. 2-year old.....	15	\$1 00		
" 2-3 feet, 25c.; 4-5 feet, 50c.; 5-6 ft. ....				
<b>Privet California.</b> 12-18 inches. Per 100, \$8.00.....	15	1 25		
" Poland. 18-24 inches. Per 100, \$12.00.....	15	1 50		
<b>Prunus Pissardi.</b> 15c. 2-3 feet; 3-4 feet, 40c.; 5-6 feet.....	75	8 00		
" Triloba. 20c. 2-3 feet.....	40	4 00		
" Tree Form. 4-5 feet.....	75			
<b>Ptelea Trifoliata Aurea.</b> Golden Leaved Hop Tree.....	15	1 50		
" 2-3 feet. 25c. 4-5 feet.....	40	4 00		
<b>Rhododendron.</b> White. Large plants in bud.....	1 50			
" Purple. Large plants in bud.....	1 50			
<b>Ribes Aureum.</b> Each 15c. Large size, 2-3 feet.....	50	5 00		
" Sanguineum. Each 15c. Large size, 2-3 feet.....	50	5 00		
<b>Sambucus Aurea.</b> 3 feet, 35c. 5 feet.....	75	8 00		
" Laciniata. Each 15c. 6 feet.....	75			



## Handsome Hardy Shrubs (Continued)

	Each	Doz.
<b>Snowball Japan.</b> Each 15c. Large plants, 35c. and.....	\$0 50	
<b>Viburnum Sterilis.</b> Old Fashioned, 2-3 feet, 25c. 4-5 feet.....	50	
<b>Snowberry (Symphoricarpos Racemosus).</b> 15c. 3-4 ft.	35	
<b>Spiraea Anthony Waterer.</b> 15c., 25c. 3-4 feet.....	50	\$5 00
<b>Arguta Multiflora.</b> 15c. 4-5 feet.....	40	4 00
<b>Aurea.</b> Small size, 15c. 2-3 feet.....	35	3 00
<b>Billardi.</b> 15c. 3 feet. Strong.....	40	4 00
<b>Bumalda.</b> 15c. 2-3 feet. Strong.....	25	3 00
<b>Callosa Rosea.</b> 15c., 3-4 feet. Strong.....	40	4 00
<b>Fortunei Rosea.</b> 15c. 2-2½ feet, 25c. 3-4 feet.....	40	4 00
<b>Thunbergii.</b> 15c. 2-3 feet.....	30	3 00
<b>Van Houtii.</b> 1 foot, 15c.; 2 feet, 25c. 3-4 feet.....	50	5 00
<b>Stephanandra Flexuosa.</b> 2-2½ feet.....	35	4 00
<b>Staphylea Trifoliata.</b> 4-5 feet.....	50	5 00

	Each	Doz.
<b>Syringa Diantheflorus.</b> Fl. pl. 2-3 feet.....	\$0 25	\$2 50
<b>Golden.</b> 1-2 feet, 25c. 4-5 feet.....	75	
<b>Lemoinei.</b> 3-4 feet.....	25	2 50
<b>Speciosa</b> 3-4 feet.....	25	2 50
<b>Symphoricarpos Vulgaris.</b> (Red Snowberry.) 1 ft., 15c. 3-4 ft.	25	2 00
<b>Tamarix Indica.</b> 15c. 3 feet, 25c. 5-7 feet.....	50	5 00
<b>African.</b> 2-3 feet.....	30	3 00
<b>Viburnum Dentatum.</b> 2 feet, 35c. 4-5 feet.....	50	5 00
<b>Weigelia Candida.</b> 2-3 feet.....	35	4 00
<b>Eva Rathke.</b> Small size, 15c. 2-2½ feet.....	35	4 00
<b>Floribunda.</b> 2-3 feet. 25c. 3-4 feet.....	35	4 00
<b>Rosea.</b> 3-4 foot. Strong.....	50	5 00
<b>Variegata.</b> 2-3 feet. 35c. 3-4 feet.....	50	5 00
<b>Xanthoceras Sorbifolia.</b> Small size, 15c. 2-3 feet.....	50	5 00

## Special Bargain Collections

We will send any of the Collections named below, prepaid. They are all fine strong plants and choice varieties, and are such as we list elsewhere in this Catalogue. The choice of varieties must be left to us, the purchaser simply naming the collection wanted. The price of all collections is net. Premiums on general list of plants do not apply to collections.

### VAUGHAN'S "CITY GARDEN" COLLECTION.

#### 43 SHRUBS AND CLIMBERS FOR \$10.00. Retail Value, \$13.65.

The following is a selection of the best hardy shrubs and climbers suitable for Chicago and latitudes farther north. The plants are all selected, well-formed specimens, well-branched and well-rooted and will make a show the first year. This collection is sent by freight or express at buyer's expense, and we cannot permit any changes in its composition.

- |                                       |                                      |                                    |
|---------------------------------------|--------------------------------------|------------------------------------|
| 2 Almond, double flowering, 3 ft.     | 1 Eleagnus Longipes, 1 ft.           | 1 Snowball, old fashioned, 2-3 ft. |
| 1 Althea, double white, 3 ft.         | 1 Flowering Currant, 2 ft.           | 1 Symphoricarpos Vulgaris, 3 ft.   |
| 1 Althea, double pink, 3 ft.          | 1 Fringe, or Smoke Bush, 3 ft.       | 3 Spiraeas, 3 kinds, 2-3 feet.     |
| 1 Barberry Thunbergii, large size.    | 1 Honeysuckle, upright or bush       | 2 Syringas, 2 kinds, 2-3 ft.       |
| 1 " purple leaved, large size.        | form, 2 ft.                          | 1 Tamarix Indica, 3 ft.            |
| 1 Colutea Aborecens, 2 ft.            | 1 Hydrangea Paniculata, Grd.,        | 2 Weigelas, 2 kinds, 2 ft.         |
| 1 Cornus, or Dogwood, 3 ft.           | 2 ft.                                | 1 Boston Ivy.                      |
| 1 Crab, Bechtel Flowering Crab, 3 ft. | 1 Lilac, purple, 2-3 ft.             | 1 Clematis Jackmanii, 2 yr.        |
| 1 Cydonia Japonica (Japan Quince)     | 1 Lilac, white, 2-3 ft.              | 1 Clematis Paniculata, 2 yr.       |
| 2 ft.                                 | 1 Philadelphus (Mock Orange) 2-3 ft. | 1 Trumpet Creeper, 2 yr.           |
| 1 Cytisus Laburnum (Golden Chain)     | 1 Prunus Pissardi, 3 ft.             | 1 Honeysuckle, 2 yr.               |
| 3 ft.                                 | 1 Prunus Triloba, 2-3 ft.            | 1 Wistaria, 2 yr.                  |
| 2 Deutzias, 2 kinds, 3 yr. old.       | 1 Snowberry, 3 ft.                   | 1 Matrimony Vine, 2 yr.            |
| 1 Elder, golden leaved, 3 ft.         | 1 Snowball, Japan, 2 ft.             |                                    |



### VAUGHAN'S PERENNIAL COLLECTION No. 5.

#### 45 Hardy Perennials for \$5.00. Retail Value, \$7.60.

These hardy perennials are among the most satisfactory plants. The initial purchase price is the only expense attached to them. They increase with age in size, beauty and blooming capacity, and are really "a joy forever." This collection is sent by freight or express at buyer's expense and we cannot permit any changes in its composition.

- |                                  |                                  |
|----------------------------------|----------------------------------|
| 1 Anemone, Japanese.             | 3 Japan Iris, 3 colors.          |
| 2 Aquilegias (Columbine).        | 3 German Iris, 3 colors.         |
| 1 Arundo Donax, variegated.      | 1 Lemon Lily.                    |
| 1 Campanula (Canterbury Bells).  | 1 Lily-of-the-Valley Clump.      |
| 1 Clematis Erecta.               | 1 Sweet Lavender.                |
| 1 Coreopsis Lanceolata.          | 3 Paeonies, 3 colors.            |
| 1 Shasta Daisy.                  | 3 Phlox, hardy.                  |
| 1 Digitalis (Fox Glove).         | 3 Pinks, Hardy Scotch, 3 colors. |
| 2 Delphiniums (Larkspur).        | 1 Tuberous - Rooted Clematis     |
| 1 Dielytra (Bleeding Heart).     | (Platycodon).                    |
| 2 Funkias (Day Lily).            | 2 Rudbeckia, Golden Glow.        |
| 1 Gaillardia.                    | 1 Red Hot Poker Plant (Tritoma). |
| 1 Helianthus Multiflorus fl. pl. | 1 Sweet William.                 |
| 1 Helianthus Pitherianus.        | 1 Yucca Filamentosa (Adam's      |
| 1 Hibiscus, Crimson Eye.         | Needle).                         |
| 3 Hollyhocks, 3 colors.          |                                  |

### COLLECTION No. 6.

For 50c. we will send by mail, postpaid, 6 Hardy Ornamental Shrubs, 6 varieties; our selection. Every plant labeled.

### COLLECTION No. 7.

For \$1.00 we will send 6 Hardy Ornamental Shrubs, our selection of sorts, 2 to 3 feet high, by express at your expense. These will be first class bushes.

### COLLECTION No. 8.

#### OUR SPECIAL GRAND OFFER. HARDY PHLOX.

To introduce the Hardy Phlox in every garden we will send for 50c., 10 Choice Hardy Perennial Phlox (see page 96 for description), all different. Our selection of kinds. Each plant named and labeled. Do not miss this special offer which is offered you at less than half cost.

### COLLECTION No. 9.

For 50c. we will send by mail, postpaid, 6 Choice Hardy Climbers, our selection. All different and labeled; or for \$1.00 we will send 6 Choice Climbers, 6 varieties, our selection, all of two-year-old size, by express at buyer's expense.

### COLLECTION No. 10.

#### SPECIAL FRUIT TREE COLLECTION.

For \$1.00 we will send one each of the following fruit trees by prepaid express. Too large to mail.

- |                   |                    |                 |
|-------------------|--------------------|-----------------|
| 1 Bismarck Apple. | 1 Windsor Cherry.  | 1 Koonce Pear.  |
| 1 Abundance Plum. | 1 Wonderful Peach. | 1 Japan Quince. |

### COLLECTION No. 11.

#### SPECIAL SMALL FRUIT COLLECTION.

This collection is made up especially for those who have only small gardens and wish a choice collection of fruits for table use. For \$1.00 we will send prepaid by mail or express:

- |  |                              |
|--|------------------------------|
| 1 each of the 3 best Raspberries, Loudon, Columbian and Gregg. | 1 Currant, Marvin's Crystal. |
| 1 each Blackberry, Eldorado and Iceberg.                       | 1 Gooseberry, Industry.      |
| 1 Currant, Fay's Prolific.                                     | 1 Loganberry.                |
| 1 Grape, Concord.  | 1 Grape, Niagara.            |

### COLLECTION No. 12.

For 50c. we will send by mail, postpaid, 6 Choice Hardy Perennial Plants in 6 varieties. Our selection. Every plant worth from 10 to 20c. and distinctly labeled. Or 12 plants, all different for \$1.00 (Collection No. 13). If ordered by express larger clumps can be sent.



# Vaughan's Seed Corn Collection.

The best general list of varieties suitable for all localities ever offered. Read the following list of new and standard kinds. All of proven high germination, all of new crop, and grown for us in localities suitable to produce a crop for our customers both north and south. We offer a choice of several kinds for every locality. Prices include bags. Add 20c. per bushel to these prices if ordered from our New York Store.

**LOP EAR WHITE DENT CORN (New).** This is a pure white and will mature readily in a fair season in Corn growing localities parallel with Champaign and Galesburg, Ill. It will lie on the ground without damage longer than any other Corn. Nine-tenths of the ears lop over and the husk at the top of the ear will open and the Corn dry out in good condition. It has yielded as high as 85 bushels to the acre, weighed by disinterested parties. It has been grown by one man for over 45 years. It is exceedingly deep grained and somewhat round on the outside of the ears. It brings the highest market price for No. 1 white. Price, per  $\frac{1}{2}$  peck, 45c.; peck, 75c.; bu., \$2.50. Postpaid, pkt., 10c.; pint, 30c.

**EARLY YELLOW DENT, "LONGFELLOW."**

We have long had a Longfellow Flint variety, but in this new early we offer a true Dent with ears 12 in. long. It is nearly as early as Pride of the North, but is double the size and makes a larger yield. Grains not very deep but ears handsome and sells well from wagon on the market. Excellent for Northern Illinois, Northern Iowa, and similar Corn belts. Price,  $\frac{1}{2}$  peck, 35c.; peck, 60c.; bu., \$2.00. Postpaid, large pkt., 10c.; pint, 25c.; qt., 45c.

**EARLY GOLDEN SURPRISE CORN.** Many Corns have been bred for the single purpose of increased size, yield, or earliness, one at the expense of the other, but none heretofore with the general purpose of eliminating all unnecessary waste and still maintain all points of essential value to the farmer. The Corn as a whole is indicative of its name and is indeed a genuine surprise to all; beautiful in its rich golden color and smooth, even size from butt to tip of ear; profitable in its depth of grain and small percent of waste of cob; the cob is so small that it can often be passed through an ordinary finger ring. Convenient in its short, strong fodder growth and easy to break off ear from stalk; certain in its early maturity. Nine years close observation, careful breeding and selection has brought about the desired result. It can be relied upon to mature throughout all regions south of a line from Cleveland, Ohio, to Peoria. Price,  $\frac{1}{2}$  peck, 35c.; peck, 60c.; bu., \$2.00; 3 bu. lots, \$5.75. Postpaid, large pkt., 10c.; pint, 25c.; qt., 35c.

**SNOW WHITE DENT.** A Central Illinois variety, novelty of last year, which has been carefully grown and selected for several years. Ears average  $10\frac{1}{2}$  in. long and  $7\frac{1}{2}$  in. circumference. Stalks usually carry but one good ear. Cobs medium and all white. Has yielded nearly 100 bushels to the acre and is worth the highest price for milling. It is probably unequalled as a pure white, middle section Corn. Price,  $\frac{1}{2}$  peck, 40c.; peck, 70c.; bu., \$2.25; 3 bu. lots, \$6.50. Postpaid, pkt., 10c.; pint, 25c.; qt., 35c.

**REID'S YELLOW DENT.** Brought to Illinois in 1846 from Ohio. Now the most popular and most uniformly distinct type of Yellow Dent for Northern Central Illinois (in fact for the whole State), and similar Corn belts. Fifty years of careful selection has resulted in remarkable evenness in appearance of ears. It is more accurately described as follows: Ear 9 to 10 in. long, 7 in. around, 18 to 24 rows with narrow space between rows; deep grains with small cob well filled at butt and tip. Price,  $\frac{1}{2}$  peck, 30c.; peck, 55c.; bu., \$1.75; 3 bu. lots, \$5.00; 10 bu. lots, \$16.00. Postpaid, large pkt., 10c.; pint, 20c.; qt., 30c.

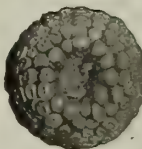
**NORTH STAR YELLOW DENT.** It is a bright yellow Dent, 12 to 16 rows, with deep grain and small red cob. It ripens in 95 to 100 days of good Corn weather and has been carefully improved with a view to keep the ears of the largest possible size, and yet fully mature the crop in good season throughout Southern Minnesota and Dakota. Our present stock has been grown this year in Minnesota, and should mature in all of Wisconsin and the south half of Michigan; and invaluable for early south of these localities. Price, shelled and in ears, pkt., 10c.; pint, 20c.; qt., 30c. Postpaid, peck, 60c.; bu., \$1.85; 3 bu., \$5.25.

**WISCONSIN YELLOW DENT.** This is the best Dent of its color for the south half of Wisconsin and similar Corn belts. It has been carefully grown and has as deep a grain and as large a percentage of grain to cob as is possible for such an early sort; red cob; color bright yellow. Average weight of ears about 9 and 10 ounces with many rows, generally from 18 to 20 and often as high as 22; length of ears,  $7\frac{1}{2}$  in. Price, shelled, per bu., \$2.00; peck, 60c.;  $\frac{1}{2}$  peck, 35c. Postpaid, pkt., 10c.; pint, 25c.; qt., 35c.

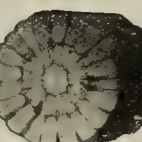
**PRIDE OF THE NORTH.** The well known and very early Yellow Dent. The stalk is short and thick and frequently bears two good ears from 7 to 10 in. in length. Ripens in 90 days of Corn weather. Price, per 3 bu. lots, \$5.75; bu., \$2.00; peck, 60c. Postpaid, pkt., 10c.; pint, 25c.; qt., 35c.

**IOWA GOLD MINE.** Now a standard yellow for central Corn belts. We have a very choice stock of this in fine order and suitable as to maturity all through Central Illinois, Iowa, and like sections, say as far north as Dixon and Cedar Rapids. Price, peck, 55c.; bu., \$1.75; 5 bu. lots, \$8.25. Postpaid, pkt., 10c.; pint, 20c.; qt., 30c.

**IOWA SILVER MINE.** In this we offer one of the best standard White Corns in existence, surpassing in yield most kinds (it is claimed to have produced 215 bushel per acre), it will mature in a fair season as far north as Dubuque, Iowa. It has shelled 64 lbs. of Corn to 6 lbs. of cobs. Customers who are looking for a big yield will do well to put in a good acreage of Iowa Silver Mine. We have a fine supply at right prices. Our grower of this variety, Mr. Geo. W. Dunseth, took \$315.00 in prizes at Springfield and Peoria this Fall. Price, peck, 55c.; bu., \$1.75; 3 bu. lots, \$5.00; 10 bu. lots, \$16.00. Postpaid, large pkt., 10c.; pint, 20c.; qt., 30c.



BUTT OF REID'S DENT.



REID'S YELLOW DENT.

**HICKORY KING CORN.** Has the smallest cob and largest grains and is a most valuable and reliable white. It will shell more and weigh more to a given measure, make more ears to a stalk, and bear planting closer than any other field variety of white Corn in the world. It is suitable for Corn belts parallel with Central Illinois and South. Shells and husks easily and makes as much fodder to the acre as other kinds. Unusually productive. Pkt., 10c.; pint, 20c.; qt., 30c.; postpaid. Peck, 55c.; bu., \$1.75; 3 bu., \$5.00.

**MASTODON DENT.** It is one of the largest of the Early Dent Corns. It is also very even in type, deep grained, and a remarkable yielder. Has been improved in earliness so that it now ripens in about 110 days. Price, pkt., 10c.; pint, 20c.; qt., 30c. Postpaid,  $\frac{1}{2}$  peck, 35c.; peck, 55c.; bu., \$1.75; 3 bu. lots, \$5.00.

**LEGAL TENDER.** One of the best late varieties of Yellow Dent Corn. It has been carefully selected, is a good yielder, and has been improved in earliness. The ears are large, uniform in size throughout the length, deep grains and small cob. It matures in about 110 days of good Corn weather. Price, per peck, 55c.; bu., \$1.75; 3 bu. lots, \$5.00. Postpaid, pkt., 10c.; pint, 20c.; qt., 30c.

**KING OF ILLINOIS.** A bright, yellow Dent, grown and carefully selected for 12 years in South Central Illinois. A cross between Leaming and an earlier variety. The ears average 10 to 11 in. in length with 20 rows, a very deep grain and dark cob. The rows are straight and the ear even in size almost to the tip. Has taken the first prize every time in its own country and four times in the State. Corn is King of Illinois and this is King of Southern Illinois Corns. Matures in 100 to 110 days good weather. Price, peck, 55c.; bu., \$1.85; 3 bu. lots, \$5.25. Postpaid, large pkt., 10c.; pint, 20c.; qt., 30c.

**QUEEN OF THE FIELD.** A bright yellow Dent, 12 to 16 rows with deep grain and small red cob, weighing 60 lbs. to the measured bushel. Suitable for Northern Illinois. It is one of the most prolific, often having two good ears to the stalk. Ripens in 95 days of Corn weather. Price, peck, 55c.; bu., \$1.75. Postpaid, large pkt., 10c.; pint, 20c.; qt., 30c.

**THE LEAMING.** Ears are 9 to 11 in. and nearly always two good ones to each stalk; average about 20 rows. Ripens in 100 to 110 days. Price, peck, 55c.; bu., \$1.75; 3 bu. lots, \$5.00. Postpaid, large pkt., 10c.; pint, 20c.; qt., 30c.

**GOLDEN ROW.** A fine yellow Dent grown in Bureau County, Illinois. A 10 in. ear with 16 rows. The grain is deep for northern grown ears, well filled and hold their diameter well to the tips. It is a splendid cropper and has yielded an average in its home locality of 80 bushels per acre for several years. Price, bu., \$1.75; peck, 55c. By mail, pint, 20c.; qt., 30c.; pkt., 10c.

**GIANT LONG FLINT.** A tawny and smoky white variety, one of the best for ensilage and fodder because of its suckering habit and breadth of blade. Price,  $\frac{1}{2}$  peck, 35c.; peck, 60c.; bu., \$2.00. Postpaid, large pkt., 10c.; pint, 25c.; qt., 35c.

**WILL'S JEHU 70-DAY.** This is probably the earliest valuable Yellow Flint Corn we have. It has won first premium in Dakota for best yellow for that climate. Pkt., 10c.; pint, 25c.; qt., 40c., postpaid. By express,  $\frac{1}{2}$  peck, 45c.; peck, 75c.; bu., \$2.50.

**LONGFELLOW FLINT.** A beautiful 8-rowed Yellow Flint. Ears from 10 to 15 in. long, well filled out to extreme end of cob; very prolific. Price shelled, large pkt., 10c.; pint, 25c.; qt., 35c., postpaid. Peck, 65c.; bu., \$2.25.

**GOLDEN DEW-DROP.** A handsome, bright yellow, 8-rowed Flint. Price shelled, large pkt., 10c.; pint, 25c.; qt., 35c., postpaid. Peck, 60c.; bu., \$2.00.

**KING PHILIP.** (Reddish Flint.) One of the oldest and best known of the Flint varieties. Price shelled, large pkt., 10c.; pint, 25c.; qt., 35c., postpaid. Peck, 60c.; bu., \$2.00.

**FODDER CORN.** Bags, 15 Cents Each on Bushel Lots and Over.

**SWEET FODDER.** There is nothing better for Summer and Fall green feed or for curing for Winter than Sweet Corn; being sweet and palatable, cattle eat every part of the stalks and leaves. A great favorite with dairy farmers. Also excellent for silage. Can be planted as other Corn or sown thickly in drills or broadcast. Sow  $\frac{1}{2}$  bushel per acre in drills; 1 to  $1\frac{1}{2}$  bushels broadcast. Peck, 75c.; bu., \$2.50; 5 bu., \$12.00.

**RED COB ENSILAGE.** A well known variety. Peck, 40c.; bu., \$1.15; 5 bu., \$4.50.

**VIRGINIA MAMMOTH WHITE HORSE TOOTH.** Peck, 50c.; bu., \$1.50; 5 bu., \$7.25.

**POP CORN.** Selected Ears for Seed.

Price for any kind of Pop Corn, postpaid, pkt., 5c.;  $\frac{1}{2}$  lb., 12c.; lb., 20c. Not prepaid, lb., 12c.; 5 lbs., 40c.; 10 lbs., 65c.; 25 lbs., \$1.40; 100 lbs., \$5.00.

**ILLINOIS SNOWBALL.** An improved variety, very prolific; is the best Pop Corn for home use.

**WHITE RICE.** The most popular for general use. The grain is pointed, pops white, is full, very productive and of excellent quality.

**MAPLEDALE PROLIFIC.** A great yielder. It pops pure white and is of good quality.

**QUEEN'S GOLDEN.** It pops perfectly white, and a single kernel will expand nearly one inch.

If you need a larger quantity of any of these Corns, write us for lowest prices.



ORCHARD GRASS (*Dactylis Glomerata*).RED TOP GRASS (*Agrostis Vulgaris*).TIMOTHY (*Phleum Pratense*).

## Vaughan's HIGH GRADE, EXTRA CLEANED Clover and Grass Seeds

We call particular attention to the fact that Grass and Clover Seeds are sold in the trade by sample, and each sort is divided into three or four grades of quality, according to purity, germination and weight. The price of the best grade is often double that of the ordinary. The Grass Seeds here offered by us are in every case the very highest grades. The prices of some varieties may change as the season advances. These prices are f. o. b. either Chicago or New York, except where noted, (purchasers paying all transportation charges,) but are subject to market fluctuations. Should any article appear high, write for samples and lowest quotations based on daily market. If to go by mail, add 10c. per pound.

**Bent Grass, Rhode Island.** (*Agrostis Canina*.) Makes a good turf and is one of the very best grasses for lawns. (14 lbs. to bu.) Lb., 30c.; 10 lbs., \$2.50; 100 lbs., \$20.00.

**Bent Grass, Creeping.** (*Agrostis Stolonifera*.) A lawn grass of fine texture, rooting; from the stems. (20 lbs. to bu.) Lb., 25c.; 10 lbs., \$2.00; 100 lbs., \$18.00.

**Blue Grass, Kentucky.** (*Poa Pratensis*.) Also known as June and Meadow Grass. One of our most valuable lawn and pasture grasses. It is early and continues growing till late in the Fall; succeeds in almost any soil and goes through drought successfully. It is slow in becoming established and is best sown in mixture with quicker grasses. (Bu., 14 lbs.) Fancy clean, Lb., 20c.; bu., \$1.60; 10 lbs., \$1.20; 100 lbs., \$10.50.

**Blue Grass, Canada.** (*Poa Compressa*.) A flat stemmed grass with creeping root stalks. Succeeds on poor, dry soil; valuable for dairy pastures. (Bu., 14 lbs.) Lb., 15c.; 10 lbs., \$1.00; 100 lbs., \$7.50.

**Dog's Tail Crested.** (*Cynosurus Cristatus*.) Its deep-rooting habit adapts it to shady and dry hilly situations. A good variety for pasture or lawn in mixtures. (21 lbs. to bu.) Lb., 50c.; 10 lbs., \$4.50; 100 lbs., \$40.00.

**Fescue, Meadow or English Blue Grass.** (*Festuca Pratensis*.) Is one of the earliest, most nutritious and productive of all the grasses. It thrives well on all good soils; makes a perfect sod and is valuable for permanent pasture. Sow 1½ bushels to the acre. (Bu., 20 lbs.) Lb., 20c.; 10 lbs., \$1.20; 100 lbs., \$7.00.

**Fescue, Hard.** (*Festuca Duriuscula*.) Valued for its dwarf habit and should form a part of every mixture for lawns and for permanent pasture. Sow 30 lbs. to acre. (Bu., 12 lbs.) Lb., 25c.; 10 lbs., \$1.60; 100 lbs., \$12.00.

**Fescue, Sheep's.** (*Festuca Ovina*.) A good pasture grass for dry uplands. Sheep are fond of it; it is also a valuable lawn grass on account of its fine foliage and dense growth. (Bu., 12 lbs.) Lb., 20c.; 10 lbs., \$1.60; 100 lbs., \$12.00.

**Fescue, Various-Leaved.** (*Festuca Heterophylla*.) Its many root leaves make it a good bottom grass for pasture mixtures. Does well in shade. (14 lbs. to bu.) Lb., 25c.; 10 lbs., \$2.00; 100 lbs., \$17.50.

**Fox-Tail Meadow.** (*Alopecurus Pratensis*.) It grows best on rich, moist soils, and is one of the most reliable grasses for permanent pastures in mixture with other grasses. (7 lbs. to bu.) Lb., 25c.; 10 lbs., \$2.25; 100 lbs., \$20.00.

**Meadow Grass, Rough Stalked.** (*Poa Trivialis*.) Valuable as a bottom grass in pasture mixtures. (14 lbs. to bu.) Lb., 35c.; 10 lbs., \$3.00.

**Out-Grass, Tall Meadow.** (*Avena Elatior*.) An early and luxuriant grower; hardy and drought resisting. Cultivated for winter grazing in the Southern States. (13 lbs. to bu.) Lb., 25c.; 10 lbs., \$2.00; 100 lbs., \$13.50.

**Orchard Grass.** (*Dactylis Glomerata*.) One of our most valuable hay and pasture grasses; will grow in shade; can be sown alone in orchards. (14 lbs. to bu.) Sow 40 lbs. per acre. Lb., 20c.; 10 lbs., \$1.50; 100 lbs., \$12.00

### BEACH GRASS—A SAND BINDER.

Recommended by the U. S. Dept. of Agriculture.

Beach Grass or Marran Grass is the best known of the sand binding grasses, and the one which has been most employed for holding the sand along the coasts, both in this country and in Europe. It has been regarded as of so much value in some localities that laws have been enacted for its protection and preservation. It is probably the best grass cultivated as a sand binder. It grows from 2 to 3 or 4 feet high. Its long, tough leaves are not cut or injured by the blowing sands. The creeping underground roots or rhizomes extend horizontally, often for a considerable distance, and their course is indicated by a succession of plants which spring from them and which diminish in size as the rhizomes extend from the parent stock. The peculiar habit of this grass, and one which especially adapts it for binding sands, is its power to continue the upward growth when partially buried, sending out new roots from the nodes as these are covered by the same. In fact, this partial burial caused by the shifting sand in and around the stems, seems to be necessary to the existence of the grass, for it is often noted that in locations where from some cause the sand no longer shifts this grass gradually dies out. The summer growth is often buried one-half to two-thirds by the sands which are blown over the grass during the Fall and Winter seasons, and in the Spring there is a new line of lateral roots sent out from the upward growth of the main stock. This main root stock, which carries the successive growth through the seasons, is often of remarkable length, sometimes extending downwards 30 to 60 feet or more into the sand, the grass having grown up with the dunes in their formation. We give concise cultural directions for sowing and planting this grass. Extracts from the U. S. Government reports free with order of one or more pounds of seed. Per lb., \$1.00; ¼ lb., 30c.; oz., 15c., postpaid. By express, at buyer's expense, lb., 90c.; 5 lbs., \$4.25; 10 lbs., \$8.00.

**Red Top.** (*Agrostis Vulgaris*.) This is our most permanent native perennial grass. It is equally good for lawn or pasture and meadow mixtures. There are two grades of it, the common or chaffy and the Fancy, which is absolutely clean seed. We recommend the Fancy. Red Top, Common, lb., 15c.; 10 lbs., 80c.; 100 lbs., \$6.00. (14 lbs. to bu.) Red Top, Fancy, solid seed, (bu., 32 lbs.) Lb., 20c.; 10 lbs., \$1.50; 100 lbs., \$8.00.

**Rye Grass, English or Perennial.** (*Lolium Perenne*.) A quick growing lawn and pasture grass. (Bu., 24 lbs.) Lb., 20c.; 10 lbs., \$1.00; 100 lbs., \$6.00.

**Rye Grass, Italian.** (*Lolium Italicum*.) A rapid grower, hardy and very productive on rich, moist soils. (Bu., 18 lbs.) Lb., 20c.; 10 lbs., \$1.00; 100 lbs., \$6.00.

**Sweet Vernal.** (*Anthoxanthum odoratum puellii*.) Annual. Emits a sweet odor. (10 lbs. to bu.) Lb., 20c.; 10 lbs., \$1.50; 100 lbs., \$12.00.

**Timothy.** (*Phleum Pratense*.) It makes the standard grass for hay. Can be sown alone or with Red Clover. Should be cut when flowering. We handle strictly pure stock. (45 lbs. to bu.) Sow 25 lbs. per acre. Lb., 10c.; 5 lbs., 40c. Ask for prices in bushel lots and over.

**Wood Meadow.** (*Poa nemoralis*.) Well adapted for growing under trees and in shaded situations. Dwarf and fine growing. Sow 2½ bushels per acre. (Bu., 14 lbs.) Lb., 50c.; 100 lbs., \$40.00.

### CLOVERS.

Prices do not include postage; if to go by mail, add 8c. per lb. Prices are subject to market changes. Samples free on application. Bags, 15c. each for bushel lots and over.

**Medium Red.** One of the most valuable farm crops for pasture, hay or for turning under to enrich the soil. (Bu., 60 lbs.) Lb., 20c. Ask for prices in quantity.

**Mammoth Red or Pea Vine.** Grows larger and lasts longer than the common red. (Bu., 60 lbs.) Lb., 20c. Ask for prices in quantity.

**Alsike or Hybrid.** Succeeds in cold, stiff soils and on land which is too wet for other species. (Bu., 60 lbs.) Lb., 25c. Ask for prices in quantity.

**White Clover.** Extra choice seed. Valuable in lawn and pasture mixtures for its binding qualities; its creeping stems root at the joints interweaving the plant into a lasting turf. (60 lbs. to bu.) Lb., 35c.; 10 lbs., \$2.75; 100 lbs., \$23.00; bu., \$14.00. Prime Seed (Bu., 60 lbs.) Lb., 25c.; 10 lbs., \$2.50; 100 lbs., \$20.00; bu., \$12.25.

**Bokhara or Sweet Clover.** A good Bee plant. Should be cut before going to seed to prevent it from spreading and becoming troublesome. Lb., 27c.; 10 lbs., \$2.00; 100 lbs., \$18.00.

**Crimson or Scarlet Clover.** Largely grown in the Southern States for Winter and Spring forage and for green manure by plowing under. (Bu., 60 lbs.) Lb., 15c.; 10 lbs., \$1.00; 100 lbs., \$6.00; bu., \$3.75.

### ALFALFA OR LUCERNE.

**The Great Four Crop Clover.** Visitors to California, Wyoming, Colorado and New Mexico have seen in the fresh green fields (of even dry lands) the luxuriant, tangled growth showing what Alfalfa is and can do. It is being used to advantage all over the country. It prefers a loose, porous soil. The roots penetrate 12 to 15 feet. It prefers dry land and succeeds where but few inches of rain fall per year. Does not do well in wet land or under much rain. It is a splendid crop to renew wornout land. Cut every time it is in full bloom; three to four times per year. Keep weeds out of crop the first year, then it will care for itself. Sow 15 lbs. per acre in drills and 25 lbs. if sown broadcast. Price, extra choice re-cleaned seed (bu., 60 lbs.) Lb., 20c.; 10 lbs., \$1.50; bu., \$8.00; 100 lbs., \$13.00. Prices variable; write for quotations. Bags, 15c. each. We have two grades of this, choice and prime, and will mail samples on request.

**Turkestan Alfalfa.** This recent introduction has all the merits of the ordinary Alfalfa and in addition grows more readily, withstands droughts better, and is perfectly hardy. It is, therefore, the best Clover to sow for permanent hay and pasture in dry, arid soils. Lb., 40c. Write for prices on quantity.

### LAND PLASTER.

Applied as a top dressing for Grass and Clover crops in the Spring increases the growth and yield of same very largely. It is also of decided benefit to use when planting Potatoes, in connection with fertilizer or manure, and its liberal use in stable, cattle stalls, poultry houses and on manure piles will prevent escape of ammonia, increasing the value of the farm manure amazingly. Its great usefulness, cheapness and effectiveness should make it universally and liberally used on every farm. Price, 90c. per 100 lbs.; \$3.50 per 500 lbs.; \$6.50 per 1000 lbs.; \$12.00 per ton.





## Vaughan's Special Grass Mixtures

### FOR HAY AND PERMANENT PASTURE

Can be sown in either Spring or Fall. It is a well ascertained fact that a thicker and more prolonged growth is produced by a mixture of many sorts of grasses than by only one or two. For every different kind and condition of soil there are grasses that are especially suitable. Some sorts do best on high ground and in dry weather; others prefer plenty of moisture. Some mature so early, and others so late, that from the beginning of Spring until Winter sets in there is no time when one species or another is not at its best. The seed should be sown early in Spring, or from August 25th to October 10th.

The amount of seed necessary to sow an acre largely depends on the quality of the land; the poorer the soil the larger the quantity required. A fair average is from 35 to 40 lbs. to the acre. The thicker seeds are sown, the sooner will a fine close turf be obtained.

### VAUGHAN'S MEADOW MIXTURES

#### No. 1. On Good Land, Neither Too Dry nor Too Wet.

This mixture is composed of the following grasses and clovers, blended in the proper proportions

Fancy Red Top.	Orchard Grass.	Timothy.
Meadow Foxtail.	Hard Fescue.	Red Clover.
Tall Meadow Oat Grass.	Sheep's Fescue.	Alsike Clover.
	Perennial Rye Grass.	

Price, 10 lbs., \$2.00; 35 lbs. (about enough for one acre), \$4.65; 100 lbs., \$12.50; 1000 lbs., \$115.00.

#### No. 2. FOR HIGH AND DRY LAND.

This mixture is composed of the following grasses and clovers:

Fancy Red Top.	Hard Fescue.	Rough-Stalk Meadow
Tall Meadow Oat Grass.	Sheep's Fescue.	Grass.
Crested Dog's Tail.	Timothy.	Red Clover.
Orchard Grass.		White Clover.

Price, 10 lbs., \$2.25; 35 lbs. (about enough for one acre), \$5.95; 100 lbs., \$16.50; 1000 lbs., \$155.00.

#### No. 3. ON WET, LATE LAND.

This mixture contains the right proportions of the following grasses and clovers:

Fancy Red Top.	Tall Meadow Oat Grass.	Timothy.
Creeping Bent Grass.	Meadow Fescue.	Red Clover.
Orchard Grass.	Perennial Rye Grass.	Alsike Clover.

Price: Same as mixture No. 1.

#### Hog Pasture Grass and Clover Mixture.

This mixture is composed of varieties that will give the quickest and best results. A sowing made in the early Spring will furnish a luxuriant pasture by July of the same year. No hog raiser should be without an acre or two of this. Price, 14 lbs. (enough for one acre), \$1.70; 10 bushels (140 lbs.), \$16.50.

#### Mixture for Orchards and Shady Places.

A mixture of grasses adapted for growing where there is considerable shade. One of the best of our mixtures for giving a large bulk of hay of excellent quality. Price, 10 lbs., 85c.; 25 lbs. (enough for one acre), \$1.70; 100 lbs., \$16.50.

### DROUGHT RESISTING GRASSES

**BERMUDA GRASS** (*Cynodon Dactylon*). In the southern states and in the warmer regions of the southwest and on the Pacific slope, this is cultivated extensively, and is most highly prized chiefly for grazing, all kinds of stock being extremely fond of it. It grows freely on sandy soils where other grasses will not thrive, and resists extreme droughts and high temperatures. It is particularly a sun-loving grass and will not thrive in the shade. It is useful for binding sand and the loose soil of embankments, or those subject to wash. It makes fine lawns and is extensively used for that purpose in the hotter portions of the United States, for it will thrive where the grasses ordinarily employed for that purpose could not survive. Bermuda Grass should be sown in the Spring. It does not succeed further north than Virginia. Sow 8 lbs. per acre. Per lb., \$1.00; 10 lbs., \$9.00; 100 lbs., \$85.00.

**JOHNSON GRASS** (*Andropogon Halapensis*). In the warmer parts of the southern states it makes rapid growth, is but little affected by drought, and the hay, if cut just as the grass is coming into bloom, is much liked by all kinds of stock. Two or three cuttings may be made during the season. The extensively creeping root stocks are fleshy and tender, and hogs are very fond of them. This grass is very hard to eradicate and if it is not wanted to spread, the grass must be cut before the seed is ripe. Johnson Grass should only be sown where it is desired as a permanent pasture. Sow in Spring, or in August to October, at the rate of 25 lbs. per acre. Per lb., 20c.; 10 lbs., \$1.50; 100 lbs., \$12.00.



AWNLESS BROME GRASS (BROMUS INERMIS).

### VAUGHAN'S PASTURE MIXTURES

#### No. 4. On Good Land, Neither Too Dry nor Too Wet.

This mixture contains some of each of the following, properly proportioned:

Tall Meadow Oat Grass.	Hard Fescue.	Timothy.
Red Top.	Perennial Rye Grass.	Red Clover.
Orchard Grass.	Meadow Foxtail.	White Clover.
Sheep's Fescue.	Kentucky Blue Grass.	

Price, 10 lbs., \$1.75; 35 lbs. (about enough for one acre), \$4.75; 100 lbs., \$12.75; 1000 lbs., \$125.00.

#### No. 5. ON DRY LAND.

This mixture is composed of the following:

Creeping Bent Grass.	Hard Fescue.	Red Clover.
Tall Meadow Oat Grass.	Sheep's Fescue.	White Clover.
Kentucky Blue Grass.	Timothy.	
Orchard Grass.	Perennial Rye Grass.	

Price: Same as mixture No. 2.

#### No. 6. ON WET LAND.

This mixture contains:

Fancy Red Top.	Meadow Foxtail.	Kentucky Blue Grass.
Orchard Grass.	Timothy.	Alsike Clover.
Meadow Fescue.	Rough-Stalk Meadow	White Clover.
Perennial Rye Grass.	Grass.	

Price: Same as mixture No. 4.

### MIXTURE FOR RENOVATING OLD PASTURES AND MEADOWS.

Grass lands that have become bare and thin can be greatly improved by sowing this mixture, at the rate of 10 lbs. per acre. Previous to sowing, harrow the sod with a sharp-tooth harrow, then hand sow broadcast, passing over the field with a good heavy roller. Price, 10 lbs. (about enough for one acre), \$1.75; 100 lbs., \$16.50.

### DROUGHT RESISTING GRASSES

**BROMUS INERMIS** (Brome Grass). The best new grass for pasture or hay. Most valuable grass for dry lands. It endures extremes of temperature and resists protracted drought, succeeding where Alfalfa fails. Poor lands are no discouragement. It grows best in light, sandy loam, but its roots will penetrate the stiffest clay. It is equally good for cutting green, pasturing or cutting into hay. In Dakota it yielded the second year nearly 2½ tons per acre, and on another acre plot, 2 tons were cut June 28 and 2,600 lbs. at a second cutting, August 19. Dr. Sewell of the U. S. Experiment Station, Garden City, Kas., says it is the equal of Timothy for cattle or horses, and makes as fine a pasture as Blue Grass. It has done equally well in Canada, Kansas and California. Use 35 to 40 pounds to the acre, if alone; if with Alfalfa, 15 lbs.; they will grow well together. Cut when first coming into bloom.

Bulletin, Department of Agriculture, Washington, D. C., says: "This grass certainly presents a fine appearance, and the Experiment Station reports, nearly without exception, praise it in the highest terms. It is evident from these reports that the grass is little influenced by the changes of climate. In Canada, in Mississippi, Kansas, Colorado, Wyoming and California it seems to do equally well. It is resistant to intense cold, to sudden and extreme changes of temperature, and stands protracted drought better than any other variety."

Price, for choice re-cleaned seed, lb., 30c.; 10 lbs., \$2.00; 25 lbs., \$4.25; 50 lbs., \$8.00; 100 lbs., \$15.00.







31 31a 33 32 35 34 56 36 36a 37 38 39 40 41 42 43 44 45 46 47 48 49 50 50a 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100

INSECT DESTROYERS.—Continued.

INSECT DESTROYERS.—Continued.

**Mole Trap.** Dean's Automatic Setting. Each, 1 00  
**The Boss** (Fig. 38.) One of the best mole and  
 gopher traps ever invented. Each, by mail,  
 postpaid..... 25

**Peat.** For potting orchids, etc. Per bbl..... **2 25**  
**Peat Muck.** For potting Azaleas. Per bbl..... **1 50**

**Pencils, Indelible.** With tip. For marking labels. Each, 15c.; dozen, postpaid..... 1 50

**Plant Bed Cloth for Flower Beds.** Cheap substitute for glass, answering many uses equally well.

20 yards and upward.	50 yards and upward.	100 yards and upward.
Per yd.	Per yd.	Per yd.
Medium.... 9c.	Medium... 9½c.	Medium.. 8½c.
Heavy.....13c.	Heavy....11½c.	Heavy....11½c.
We do not sell	less than 20 yards of a kind.	

**Pots—Common Flower** (Fig. 39.) We pack these carefully but will not be responsible for breakage in transit.

Per doz. 100		Per doz. 100	
2-inch pots..	\$0 15	\$0 60	7-inch pots.. 1 00
3-inch pots..	20	1 00	8-inch pots.. .... 1 75
4-inch pots..	35	1 50	10-inch pots.. 35
5-inch pots..	45	2 50	12-inch pots.. 40
6-inch pots..	60	4 00	

<b>Saucers.</b>	Per doz.		Per doz.
3-inch.....	\$0 15	7-inch.....	\$0 50
4-inch.....	20	8-inch.....	80
5-inch.....	30	10-inch.....	each, 20 cts.
6-inch.....	40	12-inch.....	each, 25 cts.

6 inches diameter, 1 1/4 inches deep	\$0 10	\$0 95
8 " " " 1 1/2 " " "	10	1 10
10 " " " 1 3/4 " " "	12	1 25
12 " " " 2 " " "	15	1 40

Fern Pans.						
	Each.	Doz.		Each.	Doz.	
5½-inch....	\$0 06	\$0 60	8	½-inch....	\$0 12	\$1 25
6¼-inch....	07	75	9	½-inch....	18	1 45
7 -inch....	08	85	10	inch....	20	1 85

Square Orchid Pots (Fig. 41).					
	Each.		Doz.		
4-inch.....	\$0 15	\$1 35	6-inch.....	25	\$2 25
5-inch.....	20	1 80	7-inch.....	30	3 00

4-inch.....	\$0 10	\$1 00	7-inch.....	25	2 50
5-inch.....	15	1 50	8-inch.....	30	3 00
6-inch.....	20	2 00			

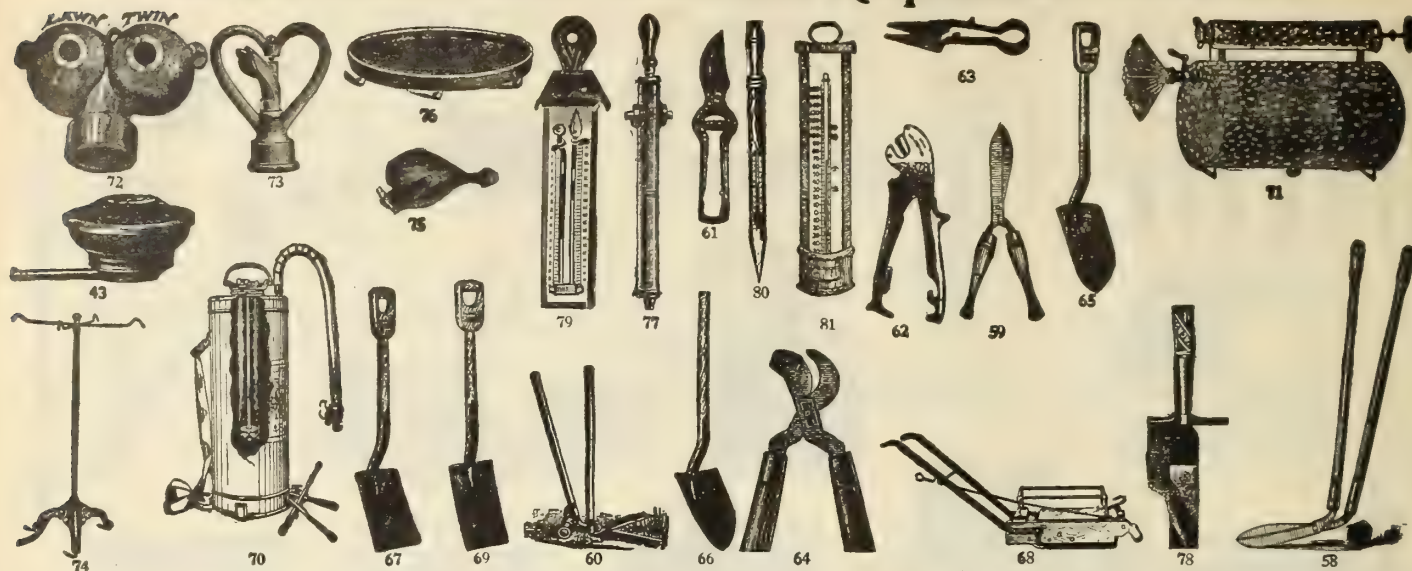
Square Seed Pans (Fig. 42.)					
	Each.	Doz.		Each.	Doz.
6-inch.....	\$0 25	\$2 50	10-inch.....	\$0 35	\$4 00
8-inch.....	30	3 00	12-inch.....	40	4 50

**Pot Hanger.** Kramer's (Fig. 57.) The neatest, simplest, most convenient and only practical device for converting ordinary flower pots into hanging baskets. They will hold standard pots from 2 to 10 inches in diameter. The illustration shows how they are attached. Just the thing for hanging up ferns, begonias, etc. You can make room and money by their use. Try them.

Price, each.....	\$0.15
Dozen, postpaid.....	1 35



# Garden and Farm Tools and Requisites.—Continued.



Prices Given Below Do Not Include Prepaying of Charges Except Where Noted.

**Petting Soil.** This is a mixture especially prepared by us and such as used at our own greenhouses. It is suitable for all ordinary plants and bulbs, and will be sent by express or freight at buyer's expense, sifted and packed ready for use. Per pk., 35c.; bu. \$1.00; bbl. \$2.00

**Powder Gun, Jumbo (Fig. 43.)** Each, 25c.; by mail, 30c.; small size, 10c.; by mail, 15c.

**Pump Spray.** Little Giant (Fig. 44), brass spray pump, with fine, coarse and solid stream nozzles, for spraying insecticides, malleable foot rest. Each 3 25

**Little Giant (Fig. 45.)** Same as above but fitted with lever handle and Bordeaux Spray Nozzle. Specially designed for white-washing. Each 4 00

**Double Acting Barrel Spray (Fig. 46.)** Complete except barrel, consisting of one pump, 3 feet of suction pipe, strainer and agitator, and 2 leads of 1/2-inch 3-ply hose, 5 feet long, and two Vermorel or Bordeaux spray nozzles. Price 9 00

## LAWN RAKES.

**Automatic Self-Cleaning (Fig. 47.)** Twenty-six wood teeth. A backward motion of the operator clears all the teeth at once. Each. 65

**English Daisy (Fig. 48.)** For running over lawns, tearing off disfiguring daisy and dandelion flowers; 20 teeth. Each 2 75

**Lawn Queen (Fig. 49)** 24 steel wire teeth, reversible head. Each 45

**Finley Rotary (Fig. 50.)** It takes up all the grass, either long or short, twigs, leaves and small loose litter of any kind, that a hand rake would not touch. Price, 20-inch, \$12.00; 14-inch 10 00

**The Ole Olson Lawn Rake (Fig. 50a.)** The Teeth are so constructed that when driven into the head they will never shrink from place and cannot fall out. Each, 50c.; 3 for \$1.40; dozen 5 25

**Steel Bow Garden (Fig. 51.)** Best rake; does not break in the center; 12 teeth, 40c.; 14 teeth, 50c.; 16 teeth 60

**Garden (Fig. 52.)** 12 teeth, 35c.; 14 teeth, 40c.; 16 teeth 45

**Raffia (Fig. 53.)** The best tying material for plants. Per lb., 25c.; postpaid 40

**Sash Hotbed (Fig. 54.)** Unglazed, for 10-inch glass, each, \$1.10; 3 for \$3.00; doz. 10 80

## SAWS.

**Double Edge Pruning.** Holes are provided in the handle for attaching to a pole; 16-inch, 85c.; 18-inch, \$1.00; 20-inch 1 15

**Vaughan's "Perfection" Pruning (Fig. 55.)** Adjustable blade, so branches can be easily removed close to the trunk of the tree. Each, Extra blades 1 85

**Scissors, Grape Thinning (Fig. 56.)** Each 60

**Scythe Blade.** Imported; English riveted back; 30-inch, \$1.10; 36-inch \$1.15; 40-inch, 1 25

## Scythe Blade.

—American Lawn. Each 75

—Swath. Each 1 00

—Stone Talacre. Imported. Each 25

**Shears, Border (Fig. 58.)** English, long handles; 9-inch, \$2.00; with wheel 2 50

**Hedge (Fig. 59.)** Best imported English. 8-inch, \$1.25; with notch 1 40

9-inch, \$1.50; with notch 1 65

10-inch, \$1.75; with notch 1 90

The notch is at the crutch of the blades for cutting small branches.

**Grass Shears (Fig. 60.)** Flat, on two wheels, long handle. Each 2 75

**German Pruning (Fig. 61.)** 4 1/2-inch, price, each, 75c.; 5 1/2-inch, 85c.; 6 1/2-inch, 90c.; 7 1/2-inch, \$1.10; 8 1/2-inch, \$1.20; 9 1/2-inch 1 35

**California Pruning.** Best grade, with double brass springs and one extra blade. Each 15

**Levins Pruning (Fig. 62.)** One of the best pruning shears made. Each 2 75

**Sheep (Fig. 63.)** With thumb guard (see cut). For trimming grass on edges and around flower beds. Each 50

**Sheep. Extra quality; 6 1/2-inch blade.** Each 35

**Sheep. Extra quality; 6 1/2-inch blade.** Each 85

**Buckeye Pruning.** Long handle. Each, 75c.; larger size, heavier 85

**Clyde Draw Cut Pruner (Fig. 64.)** Extra strong, long handle 1 25

**Improved Wire.** For cutting annealed wire. Each 2 25

**Shovels.** Ames, D handle, round point (Fig. 65.) Each 1 35

Ames, long handle, round point (Fig. 66.) Each 1 30

Ames, D handle, square point (Fig. 67.) Each 1 30

**Sod Cutter.** The "Champion" (Fig. 68.) Sides and bottom are piece of steel, so that there are no openings that can get choked. Price, each 23 00

**Spades.** Ames Special D handle (Fig. 69.) Each 1 25

Sod Lifting. Each 2 50

## Sprays. Auto Spray (Fig. 70.)

Eight to ten strokes of the plunger in air chamber will compress enough air to discharge the entire contents and make a continuous spray for nine minutes. "The Auto-Spray" is light and being carried by a shoulder-strap a boy can carry it with ease and cover ten times more area in a day than can be covered with the old sprayers. Descriptive circular sent on application. Price galvanized iron reservoir, \$4.50; solid copper reservoir 6 00

Extension Rods, 2-foot lengths. Each 35

## Sprays.

—Compressed Air Sprayer (Fig. 71.) It only takes a moment with this sprayer to pump in air and there is no more labor required. The reservoir, holds one gallon. To those who do not wish to pay the high price for an "Auto-Spray" this machine is the best substitute. Price, with galvanized iron reservoir, \$1.50; price with solid brass reservoir 2 25

—Eclipse. We offer the Eclipse in two styles, No. 1. Made of hard spring brass. Price, No. 2 is exactly like No. 1 except material is XXX re-dipped tin, gold lacquered 1 25

—Gray's Paris Green. Used for spraying potatoes, cucumbers, melons and other vines. Each 3 50

**Sprinklers. Lawn Twin (Fig. 72.)** The simplest, neatest and most effective Lawn Sprinkler on the market. It throws a constant, symmetrical and fine spray. Price, each, 50c.; 3 for \$1.35; dozen 5 00

If by mail add 5c. each for postage.

—Merrill's Rotary (Fig. 73) (Butterfly). The cheapest and best sprinkler made. Each, 30

—"Rainmaker." The best Lawn Sprinkler in the market, 50c.; postpaid 85

—Four and Eight Arm (Fig. 74.) Serves the double purpose of a beautiful fountain and of saturating the lawn and garden. Prices, 4-arm sprinkler, \$3.50 8-arm 4 00

**Seollay's Rubber (Fig. 75.)** Indispensable for floral work. Large, \$1.00; by mail, \$1.10; medium, 75c.; by mail, 82c.; small, 60c.; by mail 65

**Stakes.** Green painted, tapering; very useful for tying plants, shrubs, etc.; 25 of one kind at the 100 rate.

Per doz. 100		Per doz. 100	
Light, 1 1/2 ft. \$0.20	Light, 3 3/4 ft. \$0.55	\$0.30	\$1.10
" 2 ft. \$0.25	" 4 ft. 65	\$0.60	\$2.00
" 2 1/2 ft. 35	" 5 ft. 75	\$0.20	\$0.50
" 3 ft. 50	" 6 ft. 80	\$0.30	\$0.60

Heavy Dahlia, 3 ft. 70 4 50

" 4 ft. 80 5 60

" 5 ft. 1 00 6 75

Per 100 1000

Cane Stakes, 6 to 8 ft. long. \$1.00 \$7 00

" 9 to 12 ft. long, extra heavy 1 60

**Galvanized Wire. No. 8**

Per doz. 100 Per doz. 100

1 1/2 ft. \$0.10 \$0.65 3 1/4 ft. \$0.30 \$1.10

2 ft. 15 70 4 ft. 35 1 35

2 1/2 ft. 20 80 5 ft. 40 1 70

3 ft. 25 90

**Stand, Rolling (Fig. 76.)** For heavy plants. Made of indurated fibre ware; Casters have ball bearings; 12-inch, 75c.; 14-inch, 85c.; 16-inch, 95c.; 18 inch, \$1.10; 20-inch, \$1.20; 22-inch, 1 40

**Syringes. (Fig. 77.)**

—Brass. 14-inch, 2 sprays and one straight stream, for small greenhouses or windows \$3 25

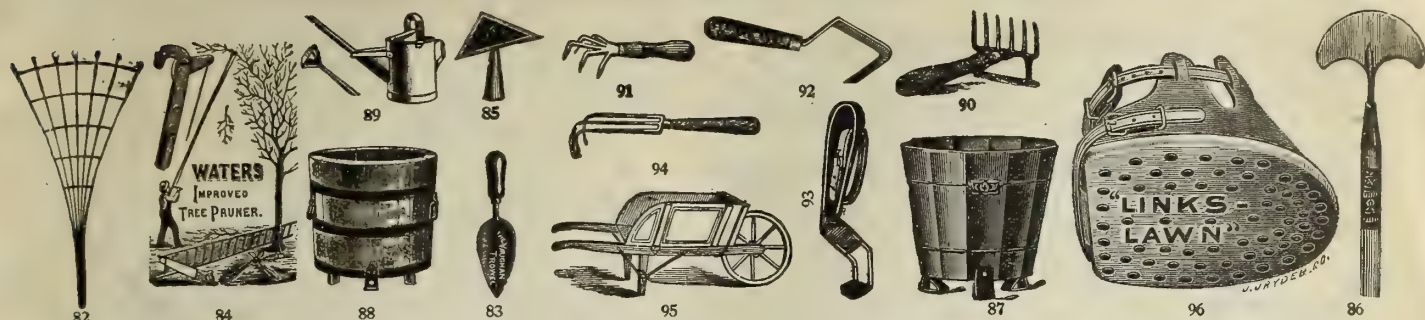
—No. 5, Greenhouse syringe. 18-inch barrel. 5 75

—English. Brass, No. 11, 18-inch barrel, with two different sprays and one stream 4 00

—Brass. For liquid insecticides, each 1 65



# Garden and Farm Requisites.—Continued.



Prices Given Below Do Not Include Prepaying of Charges Except Where Noted.

**Thermometers.** These cannot be sent by mail.

- Tin case (Fig. 79). 8-inch, 15c.; 6 for..... 75
- Cabinet, wood case, 50c.; 3 for..... 1 35
- Imported German. All glass, very accurate, for propagating and hot beds..... 1 00
- Hot Bed (Fig. 80.) Brass point, wooden frame..... 3 00
- Self-Registering (Fig. 81.) With magnet to set it, 8-inch. each. \$2.75; registers highest and lowest temperature. Minimum..... 1 50

**Thistle Cutters** (Fig. 78.) Narrow blade for removing thistles or weeds from lawns. With foot rest..... 50

**Torch, Asbestos.** Saturate with kerosene oil, light and hold under the caterpillars' nests and along the branches where the insects lodge. Price, 30c.; by mail..... 40

**Trellis** (Fig. 82) Fan shaped; 18-inch, 15c., 3 for 40c.; 24-inch, 25c., 3 for 50c., 30-inch, 25c., 3 for 60c.; 3 1/2 feet, 21-inch wide, 40c.; 4 feet, 27-inch wide, 50c.; 5 feet, 32-inch wide, 60c.; 6 feet, 38-inch wide, 70c.; 7 feet, 42-inch wide, 80c.

**Veranda.** 18-inch wide, 5 feet, 55c.; 6 feet, 65c.; 7 feet, 75c.; 8 feet, \$1.00; 9 feet, \$1.10; 10 feet..... 1 25

**Trowels, Vaughan's Steel** (Fig. 83.) One solid piece of steel and will outwear all others each, 50c, 3 for \$1.40. Postpaid, each..... 60

**Ordinary Garden** 6-inch, each, 12c.; prepaid 20c.; 7-inch, each, 15c.; prepaid 23c.; 8-inch, each, 20c.; prepaid..... 28

**English Steel** 6-inch..... 25

By mail add 10c.

**Cleve's Angular.** By mail..... 25

**Tree Pruners, Water's** (Fig. 84.) Length of pole, 4 feet, 50c.; 6 feet, 75c.; 8 feet, 90c.; 10 feet, \$1.00; 12 feet..... 1 10

Extra knives, each..... 20

**Lee's New Pole Tree Pruner.** Without pole.... 1 00

Extra springs, 15c.

**Tree Scraper** (Fig. 85.) With handle. Each.. 75

**Tubs, Flower, Columbian** (Fig. 87.) Made of the best pine lumber. Has 12 staves in tapered shape, held together by two steel wires. Natural varnish finish on the wood, or if wanted can be finished in oil paint.

12 by 11 inches..... Each, \$1 00; 3 for \$2 75

15 by 14 "..... " 1 50; 3 for 4 00

18 by 16 1/2 "..... " 2 00; 3 for 5 25

21 by 18 1/2 "..... " 2 50; 3 for 6 75

24 by 20 1/2 "..... " 3 00; 3 for 8 00

**Union Cypress** (Fig. 88.) These tubs are made of 1/2-in. cypress, which insures their keeping for years without rotting.

No. 1—13 1/2-in. diam., 11-in. high. Each, \$0 85; 4 for \$3 20

2—14 -in. diam., 13-in. high. Each, 1 00; 4 for 3 80

3—16 -in. diam., 15-in. high. Each, 1 30; 4 for 4 70

4—20 -in. diam., 18-in. high. Each, 1 80; 4 for 7 00

5—24 -in. diam., 20-in. high. Each, 2 40; 4 for 9 00

**Turf Edger American** (Fig. 86.) Each..... 50

English imported steel blade, only..... 75

## WATERING POTS.

**American** (Fig. 89.) Heavy galvanized round can, two copper-faced roses, long spouts; 4 quart, \$1.75. 6 quart, \$2.00; 8 quart, \$2.25; 10 quart, \$2.50; 12 quart..... 2 75

**French Style.** Oval, otherwise same makes as above, 8 quart, \$2.40; 10 quart, \$2.85; 12 quart..... 3 00

**Low Style.** 4 quart..... 1 75

**Weeders Combined** (Fig. 90.) Each..... 25

**Eureka** (Fig. 94.) The best little hand weeder for loosening soil around plants that we know of. Short handled, 25c; long handled..... 35

**Excelsior** (Fig. 91.) Each..... 10

**Hazeltine** (Fig. 92.) Each..... 20

**Langs** (Fig. 93.) This we find to be by actual trial a first-class labor saver. Price, each, 20c; postpaid..... 25

**B's Weed Extractor.** A simple and effective device for removing weeds of all kinds from the lawn. Easy to operate.

Price, postpaid, 65c.; by express..... 50

Price, postpaid, with step, 75c.; by express.... 60

**Eureka Weed Killer.** A special preparation, which dissolves in water. Will destroy all weeds, moss, etc., on gravel walks, carriage drives, etc. and keeps them under for the whole season. Small size tins sufficient for 50 square yards of path, 50c.; prepaid..... 65

Large size, enough for 100 yards, 75c.; prepaid..... 1 00

**Wheelbarrows, The Globe Garden** (Fig. 95.)

Inside measurement of box, 30 inches long, 19 inches wide at wheel end, 24 inches at handle end, 12 inches deep. Has a 20 inch wheel. Price with steel wheel..... 2

**The Vaughan Greenhouse.** We have had numerous calls for a wheelbarrow which could be used in a greenhouse, the ordinary barrow being too wide for that purpose, and we had built for us a special barrow which will fill this want to perfection.

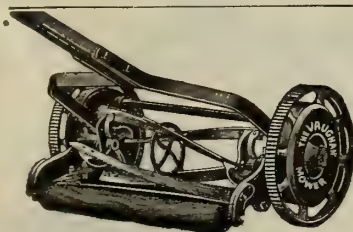
Price, each..... 5 00

## THE VAUGHAN MOWER.

With 10-inch Wheel; 4-Blade Cylinder; Securely Incased Gears; Noiseless Ratchet.

This is the best Lawn Mower of its kind ever made. The adjustments are few and simple; the ratchets are perfect and positive; the gears are enclosed and made the right pitch.

With ordinary care this Mower should last from 5 to 10 years.

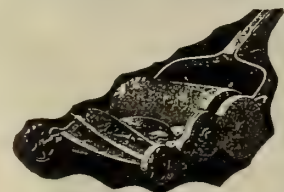


THE VAUGHAN LAWN MOWER.

Sizes..... 14 inches. 16 inches 18 inches

Prices..... \$4 50 \$5 25 \$6 00

**SPECIAL OFFER.**—We will prepay the freight to any railroad station within 250 miles of Chicago or New York on The Vaughan Mower at above prices.



## COLDWELL ROLLER MOWER.

This is a machine which is specially suited for use on putting greens where fine cutting is necessary. It has six blades and can be set to cut, so as to almost shave the lawn if desired and leave no wavy appearance.

14-inch cut..... \$13 00

16-inch cut..... 14 00

8-inch cut..... 16 00

20-inch cut..... 18 00

## PHILADELPHIA LAWN MOWER.

**HIGH WHEEL (Steel.) Style A.)**

This is the King of High Wheels. It has 10-inch driving wheels, 6 1/4-inch cylinder cutter, with four knives; constructed of steel throughout.

Width. Weight. Price. Width. Weight. Price.

15-inch..... 40 lbs..... \$9 25 19-inch..... 44 lbs..... \$11 40

17-inch..... 42 lbs..... 10 35 21-inch..... 46 lbs..... 12 25

**Style K.**—10-inch high wheel, five-knife open wiper with corrugated blades. A strictly first-class mower. Fine cut, and with its large driving wheels it is the lightest running, best single pinion mower made.

Width. Weight. Our Price. Width. Weight. Our Price.

14-inch..... 40 lbs..... \$5 80 18-inch..... 44 lbs..... \$7 00

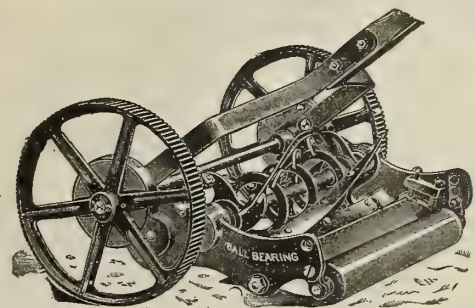
16-inch..... 42 lbs..... 6 50 20-inch..... 46 lbs..... 7 50

For other styles of Philadelphia mowers, also horse mowers, write for special list.

## THE "VICTORY" BALL-BEARING LAWN MOWER.

Ten-inch wheel, four-bladed reels. Ball-bearings.

These Mowers are well speeded, and bite small and frequent, leaving a beautiful velvety lawn. The ball bearings are of the highest grade, exact to 1/1000 of an inch, which reduce the friction astonishingly and renders with parallel bearings.



VICTORY BALL-BEARING MOWER.

It possible to use much wider machine than heretofore, with parallel bearings.

14 in. 16 in. 18 in. 20 in. 22 in. 24 in.

\$8 50 \$9 50 \$10 50 \$11 50 \$12 50 \$13 50

## DREXEL.

The Best Cheap Mower on the Market.

Sizes..... 12 inches. 14 inches. 16 inches.

Prices..... \$2 50 \$3 00 \$3 50

## THE LINK LAWN BOUT.

(Fig. 96.) The bottoms are made thoroughly water proof and hardened by special process. The toe is rounded and curved which prevents cutting the finest lawn; quickly adjusted and easily fastened. Made in three sizes.

No..... 2 4 6

Width of inside measurements..... 5 1/2 6 1/2 7

Per set of four, \$8.00.

## PHILADELPHIA GRASS COLLECTOR.

Has a galvanized iron bottom collector, never-rip cloth connections.

Always be careful to state size and style of mower when ordering. Price for

Low Wheel Mower, 10-inch, \$1.40; 12-inch, \$1.50; 14-inch, \$1.60; 16-inch, \$1.70;

18-inch, \$1.80; 20-inch, \$1.90.

For High Wheel and Style K and The Vaughan Mower, 14 and 15 inch \$1.70; 16 and 17 inch, \$1.80; 18 and 19 inch, \$1.90; 20 and 21 inch, \$2.00.



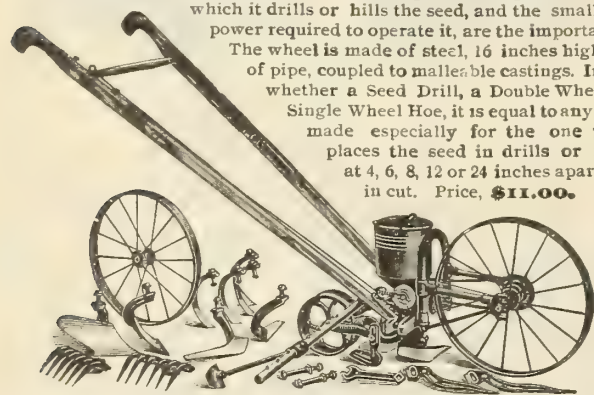
# "Iron Age" FARM and GARDEN TOOLS for 1903.

A COMPLETE DESCRIPTIVE "IRON AGE" CATALOGUE SENT FREE ON APPLICATION.

The "IRON AGE" Garden Tools have become Immensely popular, owing to their new and up-to-date construction. They are equipped with high, steel wheels, very light tubular frame, connected with malleable iron castings,—really bicycle construction, and in consequence they are exceedingly light, convenient, easy to handle and very handsome in appearance.

**PREPAID.**—Orders for these Tools or for Seeds and tools (Seeds not prepaid unless so offered on other pages) amounting to \$7.50 will be prepaid to any railroad station in the United States within five hundred miles of Chicago or New York.

**The No. 6 "Iron Age" Combined double Wheel Hoe, Hill and Drill Seeder.** This tool is without question the most practical and complete combined garden tool ever offered the public—the ease and simplicity of adjustment, the lightness combined with great strength, the accuracy by which it drills or hills the seed, and the small amount of power required to operate it, are the important features. The wheel is made of steel, 16 inches high, the frame of pipe, coupled to malleable castings. In each form, whether a Seed Drill, a Double Wheel Hoe, or a Single Wheel Hoe, it is equal to any tool or tools made especially for the one purpose. It places the seed in drills or in hills as at 4, 6, 8, 12 or 24 inches apart. Complete in cut. Price, **\$11.00.**



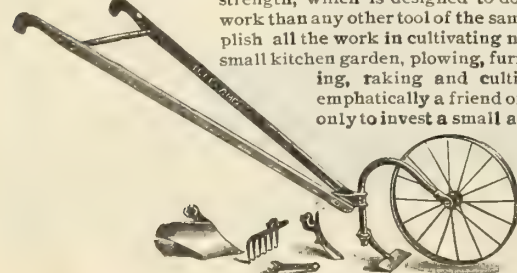
**No. 15 "Iron Age" Combined Single Wheel Hoe, Hill and Drill Seeder.** Combined in this tool is the best Hill and Drill Seeder and Single Wheel Hoe ever offered the public. In combining these tools not a single advantage is lost of a separate Single Wheel Hoe or Seed Drill. As each they are in themselves complete. Changed from one form to another almost instantly, completely filling every desire both as to method of handling seed and soil. It places the seed in hills or drills. Price, **\$10.00** As a Hill and Drill Seeder only (No. 16), **\$7.50.**



**No. 17 "Iron Age" combined Single Wheel Hoe and Drill Seeder.** Same as tool shown in cut except being furnished without hill dropping device. Price, **\$9.00.**

## No. 12 "Iron Age" Wheel Plow and Cultivator.

In the accompanying cut we show a tool of exceeding lightness but of great strength, which is designed to do a greater variety of work than any other tool of the same price, it will accomplish all the work in cultivating needed to be done in a small kitchen garden, plowing, furrowing, covering, hoeing, raking and cultivating. This tool is emphatically a friend of those who can afford only to invest a small amount of money in a garden tool, and whose moments in a garden must be devoted to "straight ahead" work.



**\$3.25.**

Iron Age No. 12, this tool, with plow only, Price, **\$2.25.**



**The No. 4 "Iron Age" Combination Double Wheel Hoe and Drill Seeder.** This tool is similar to the No. 6 "Iron Age" combined tool. Instead of placing seed in both hills and drills, it places it only in rows. Price, **\$10.00.**

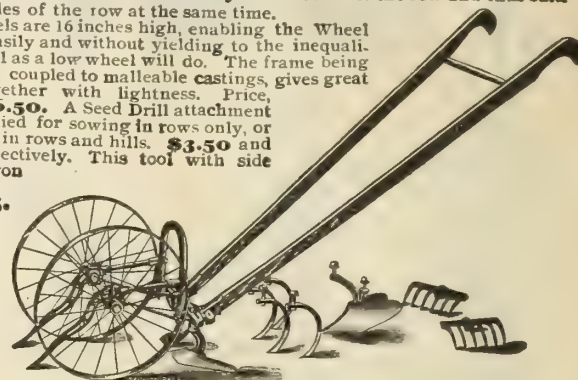
## THE "IRON AGE" SINGLE WHEEL HOE, CULTIVATOR AND RAKE, No. 9.

Price, **\$4.75.**



**No 1 "Iron Age" Double Wheel Hoe.** This is the Wheel Hoe form of the No. 6 opposite. One great advantage which this double Wheel Hoe possesses is, that it can be made into a practical Single Wheel Hoe in a moment's time. As a double wheel it may be used astride the row and thus cultivate both sides of the row at the same time.

The wheels are 16 inches high, enabling the Wheel Hoe to run easily and without yielding to the inequalities of the soil as a low wheel will do. The frame being made of pipe coupled to malleable castings, gives great strength together with lightness. Price, complete, **\$6.50.** A Seed Drill attachment may be applied for sowing in rows only, or sowing both in rows and hills, **\$3.50** and **\$4.50** respectively. This tool with side hoes only (Iron Age No. 3). Price, **\$3.75.**



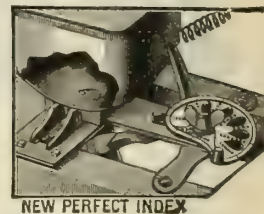
**No. 20 "Iron Age" Single Wheel Hoe.** The frame of this tool as all the Iron Age, combined tools, is made of pipe coupled to malleable castings, thus rendering them light and strong. A pair of side hoes, a set of cultivator teeth a pair of rakes and a land side plow are furnished with this tool. Price complete **\$5.50**, as with the No. 1 a seeder attachment may be added at any time. No. 21 plain, (Hoes only). Price, **\$3.50.**



## New Model Seed Drill.

Conceded to be for the market gardener one of the best seeders on the market. The best value in material, durability and True Merit.. Each Drill crated and carefully packed for shipment. Packed weighs about 40 lbs.

Price, **\$7.50.**



## No. 8 "Iron Age" Hill and Drill Seeder.

The hopper is low, and delivers the seeds close to the ground and very carefully. It holds four quarts. The feeding is distributed by the revolving brush, and is accurate and even without injuring the seed. The distance between hills is very easily changed and regulated. It will drop 4, 6, 8, 12 and 24 inches apart. It will not clog under any circumstances. By hooking on the small lever the same is changed from a hill dropper to a sowing drill. Price, **\$10.00.**





# "Planet Jr." Farm and Garden Tools.

**PREPAID  
TO CASH BUYERS.**

**PREPAID**—Orders for these Tools or for Seeds and tools (Seeds not prepaid unless so offered on other pages) amounting to \$7.50 will be prepaid to any railroad station in the United States within five hundred miles of Chicago or New York.

## "PLANET JR." No. 3

### HILL AND DRILL SEEDER.



This seeder not only sows evenly in drills, but also drops accurately in hills at 4, 6, 8, 12 or 24 inches apart.

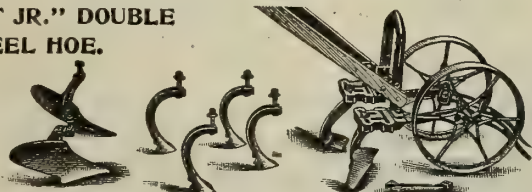
The Hopper holds 3 quarts, 15-inch patent Steel Driving Wheel. This drill is simple, strong and easily adjusted and does not get out of order.

Price, **\$10.00.**

## "PLANET JR." No. 5 HILL AND DRILL SEEDER.

This is the same tool as No. 3 Seeder, except that it is larger in size. Hopper holds 5 quarts; 16½-inch Steel Driving Wheel. Price, **\$12.50.**

## "PLANET JR." DOUBLE WHEEL HOE.



## No. 11 "PLANET JR." DOUBLE WHEEL HOE.

One pair 6-inch Hoes; two pairs Hollow Steel Cultivator Teeth; one pair Plows; two 3-tooth Rakes, two 5-tooth Rakes; and two Leaf Lifters. Price **\$8.50.**

## No. 12 "PLANET JR." DOUBLE WHEEL HOE.

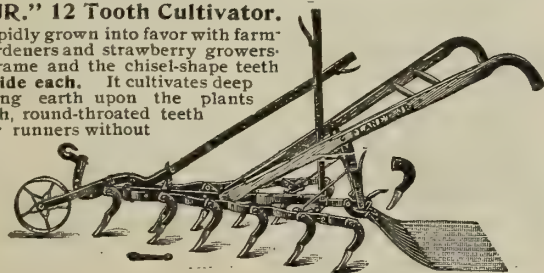
Packed weight, 32 lbs. One pair 6-inch Hoes; two pairs of hollow steel Cultivator Teeth; one pair of Plows; and one pair of Leaf Lifters. Price, **\$6.50.**

No. 13. DOUBLE WHEEL HOE, with 6-inch Hoes only, Price, **\$4.50**

## "PLANET JR." 12 Tooth Cultivator.

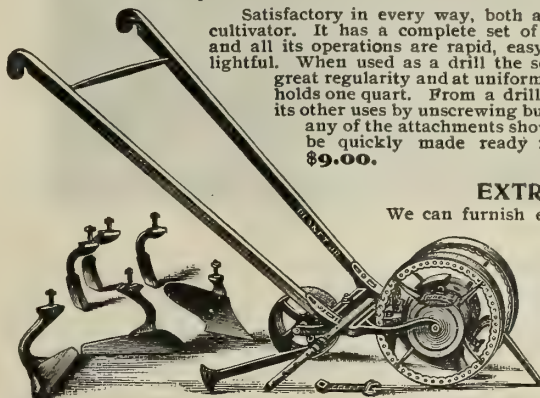
This tool has rapidly grown into favor with farmers, market gardeners and strawberry growers. It has a high frame and the chisel-shape teeth cut an inch wide each. It cultivates deep without throwing earth upon the plants and the smooth, round-throated teeth turn strawberry runners without injuring them.

Prices, plain, \$5.30 with wheel, \$6.40 complete, **\$8.00.**



## "PLANET JR." No. 1 Combined Drill and Wheel Hoe.

Satisfactory in every way, both as a drill and as a cultivator. It has a complete set of cultivating tools and all its operations are rapid, easy, perfect and delightful. When used as a drill the seed is sown with great regularity and at uniform depth. Hopper holds one quart. From a drill it is changed to its other uses by unscrewing but two bolts, when any of the attachments shown in the cut can be quickly made ready for use. Price, **\$9.00.**



## EXTRAS.

We can furnish extra parts of all Planet Jr. Tools. In ordering "extras" the figure and number should be given besides name of part. Send for repair list.

## No. 16 "PLANET JR." SINGLE WHEEL HOE.



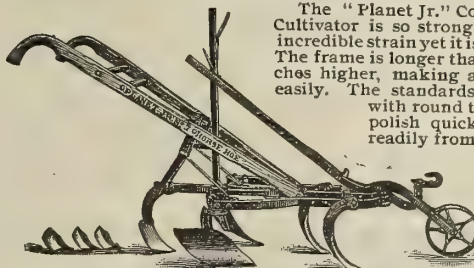
This is the same style as our other Single Wheel Hoes, and the Plow, Cultivator Teeth or Rakes, may any of them be added to the equipment, although it is best to select and secure what you need with the original purchase. With Plow, two Hoes, three Cultivator Teeth, two Rakes and Leaf Lifter. Price, **\$5.35.**

No. 17 "PLANET JR." with Plow, two Hoes and three Teeth, **\$4.50.**

No. 18 "PLANET JR." SINGLE WHEEL HOE, with 6-inch Hoes. Price, **\$3.00.**

## "PLANET JR." No. 8 HORSE HOE.

The "Planet Jr." Combined Horse Hoe and Cultivator is so strongly built as to withstand incredible strain yet it is light and easy to handle. The frame is longer than usual and about 1½ inches higher, making a tool that will not clog easily. The standards are formed up hollow, with round throats of stiff steel; they polish quickly and free themselves readily from obstructions. The depth



is under perfect control by means of a new lever wheel and the new patented depth regulator. The expander, an entirely new pattern, superior to all other forms;

exceedingly strong, simple, accurate and positive in all positions. Price, **\$8.00.**

# "IRON AGE" Farm and Garden Tools for 1903—Continued.

## Vaughan's Combined Cultivator and Harrow,

"Iron Age" No. 1.—Complete with wheel and lever expander, price, **\$5.70.** Without wheel, **\$5.10.** Its teeth are diamond shape with a small cultivator tooth forged on one end. For very close work every other tooth can be quickly removed. This tool is designed especially for the cultivation of berries and small crops, as it thoroughly pulverizes the soil but at the same time throws very little earth.

## The Gem Cultivator

is without doubt one of the most popular and best of all the hand cultivators made. Over twenty thousand have been sold, over half of them through Vaughan's Seed Store since they were introduced, and all have given satisfaction. It is a most practical tool and made of the best material only.

**Single Wheel Gem No. 1** Includes 5 stirring teeth, 1 shovel narrow, 1 shovel wide, 1 pair plows. Price, not prepaid, **\$4.50**

**Double and Single Wheel Gem No. 2** This has in addition to the Single Wheel machine the double wheel attachment and two steel blades. Price, **\$5.50.**



A complete  
"IRON AGE"  
Catalogue sent  
Free on Request

## No. 22 "Iron Age" Combined Fertilizer Distributor and Drill Seeder. Price, \$17.00.

This machine although designed to accomplish so much, is perfectly simple, light of draught, strong and its method of sowing the fertilizer and seed, or of sowing the fertilizer alone, is ideal. The opening plows of the Fertilizer distributor are adjustable in depth and width, so that the fertilizer may be placed as near or as far from the seed as desired, or only plow can be used and the fertilizer placed in same line with the seed.

## "Iron Age" No. 6 Horse Hoe and Cultivator.

We can recommend to all of our customers as being one of the best tools made. Price as in cut, **\$8.50** without Furrow Closing Attachments, **\$7.25**; with Plain Wheel and without Furrow Closing Attachment, **\$6.75.**







## INDIAN BASKETRY.

Basket Weaving from Raffia is the latest novelty in the line of artistic handicraft. Heretofore this art has been chiefly confined to Indians and with the name "Indian Baskets" was connected mystery, cunning art and high prices. Since the introduction of Raffia it has been found that the best Indian art can be closely imitated. Anyone accustomed to needle work can, with a little practice, do very creditable work. Many fancy and useful articles can be made of Raffia. Baskets of all shapes and patterns, plaques, napkin rings, chatelaines, photo frames, whisk broom holders and a hundred other things that ingenuity can devise are possible when this material is used. We are headquarters for Raffia, and besides the Natural, which is most used, we can furnish it in twelve different colors.

### RAFFIA.

Natural, per bunch (about 3 ounces), price.....	\$0 10
“ per lb., price.....	25
“ five lbs. for.....	1 00
Colored, per bunch (about 2 ounces), price.....	10
“ per lb., price.....	75
Mixed Colors, per bunch.....	10

If by mail, add 2c. per oz., or 16c. per lb. for postage.

### INDIAN SPLINTS (Assorted Colors).

Oz.....	\$0 20	1-4 Lb.....	\$0 45	1 Lb.....	\$1 50
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### SWEET GRASS.

Oz.....	\$0 15	1-4 Lb.....	\$0 40	1 Lb.....	\$1 25
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Oz.....	\$0 12	1-4 Lb.....	\$0 35	1 Lb.....	\$1 20
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### REEDS (Rattan).

No.	Oz.	1-4 Lb.	Lb.	No.	Oz.	1-4 Lb.	Lb.
1.....	0 10.....	\$0 35.....	\$1 25	5.....	\$0 05.....	\$0 18.....	\$0 60
2.....	08.....	30.....	1 00	6.....	04.....	15.....	50
3.....	07.....	22.....	75	8.....	04.....	13.....	45
4.....	07.....	22.....	75				

If by mail, add 2c. per oz., or 5c. per 1-4 lb., or 16c. per lb. for postage.

#### Samples of RAFFIA and REEDS on Application.

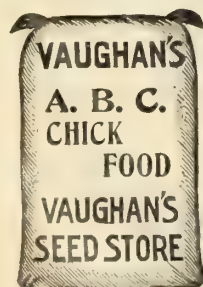
We can also supply the following books on Raffia and Basket Making  
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**We carry a full line of Poultry Supplies; sell Thoroughbred Poultry and Pigeons; Eggs for Hatching and Bee Supplies. Catalogue free. Write if interested.**

### VAUGHAN'S A. B. C. CHICK FOOD.



The unprecedented sales and universal praise of Vaughan's A. B. C. Chick Food the past season has surprised us beyond measure. We shall continue to prepare this Food, a perfect balanced ration, keeping it up to the same high standard as before and guarantee it first-class — the best of its kind. Full description given in our Poultry Supply Catalog.

#### NET PRICES:

100-lb. bags.....	\$2 75
50 " ".....	1 50
25 " ".....	1 00
5 " carton.....	25

#### GRADES.

- A—For chicks up to 4 weeks old.
- B—For chicks 4 to 8 weeks old.
- C—For chicks 8 or 10 weeks to 4 months old.

### CAHOON SEEDER.

It will seed evenly four to six acres per hour. It will scatter the following distances: Wheat, Barley, Rye, 25 feet; Clover and Timothy, 18 to 20 feet. The bag and hopper hold about 22 quarts. Weight, 5½ lbs.

Price, each, \$2.90.



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# Concentrated Manures or Fertilizers.

111

## MARKET GARDENING.

The value of Commercial Animal Fertilizers to the market gardener cannot be overestimated. Compared with the results secured by the use of Fertilizers, their cost is insignificant. They greatly increase not only the yield, but also its quality, and, what is of immense importance, they push the crops rapidly forward to maturity, getting them **into market early**, and thus insuring a better price.

### VAUGHAN'S HIGH-GRADE TRUCK AND FARM MANURE.



This is our best brand of concentrated Manure, suitable for **lawns and flowers** as well as the vegetables mentioned below. It is of exceptional value and will prove a **money-maker** to every farmer or gardener that uses it.

TO BE USED ON		at the rate of 200 to 500 lbs. per acre.	
Essex Rape....	"	1000	"
Asparagus....	"	400 to 600	"
Beans.....	"	500 to 1500	"
Beet.....	"	400 to 1500	"
Cabbage.....	"	300 to 800	"
Carrot.....	"	600 to 800	"
Celery.....	"	400 to 800	"
Cucumber.....	"	500 to 1000	"
Lettuce.....	"	500 to 1500	"
Onion.....	"	500 to 1000	"
Tomato.....	"	500 to 1000	"
Strawberries..	"	500 to 1000	"

Price, 25 lbs., 70c.; 50 lbs., \$1.25; 100 lbs., \$2.00; 200 lbs., \$3.75; 1000 lbs., \$17.75; 2000 lbs., \$35.00.

### NITRATE OF SODA, or Chili Saltpeter.

Nitrate of Soda is not a substitute for other manures, but we recommend it as the cheapest and best form in which to apply Nitrogen to plants. Gardeners who are using farm manure should continue to use it, but use Nitrate of Soda in addition to other fertilizers. If your object is to **grow maximum crops** you must in some way furnish the plants with nitrate. No matter what manure or fertilizer is used the Nitrogen must be converted into Nitrate before the plants can use it.

#### HOW TO USE NITRATE OF SODA.

The lumps in this should be removed by sifting; they should be broken up, which is easily done by pounding.

**For Asparagus**, a top-dressing of 250 lbs. per acre just as soon as the first shoots make their appearance.

**For Beets**, a top-dressing of from 50 to 100 lbs. per acre once every week or ten days for at least three or four weeks after the plants have well started.

**For Cabbage and Cauliflower**, a top-dressing of 100 lbs. per acre after the plants have begun to make growth after transplanting, and 200 lbs. per acre more after the heads begin to form.

**For Cucumbers for Pickles**, a top-dressing of 100 lbs. per acre after the plants begin to run.

**For Celery**, frequent and reasonably heavy top-dressings of 100 lbs. per acre or more well worked into the soil after the plants are established.

**For Egg Plant, Spinach and Lettuce**, a top-dressing of 100 lbs. per acre after the plants are well started.

**For Onions**, a top-dressing of from 75 to 100 lbs. two or three times at intervals of about three weeks, after the crops have well started.

**For Strawberries**, a top-dressing of about 100 lbs. per acre after the plants have blossomed.

PRICE (subject to market changes), 5 lbs., 30c.; 10 lbs., 50c.; 25 lbs., \$1.00; 100 lbs., \$3.25; 500 lbs., \$15.00; 1000 lbs., \$28.50; 2000 lbs., \$56.00.

### VAUGHAN'S MANURE FOR THE HOME GARDEN.

This is suited for all kinds of flowers, vegetables and the lawn, being a high-grade complete Fertilizer, just what is needed to make plants grow and produce fine vegetables.

Price, 5-lb. box, 30c.; 10 lbs., 50c.; 25-lb. bag, \$1.00.

### "THE FIELD AND GARDEN."

Is the title of a booklet on Fertilizers with some general suggestions for the culture of the more important Field and Garden crops. We will mail a copy **free** to those who ask for it.

### CLAY'S FERTILIZER.

This valuable imported manure is especially recommended to all who grow either fruit, flowers or vegetables, and wish to bring them to the highest perfection. It should also be used in potting soil and as a top-dressing.

Price, 5 lbs., 50c.; 10 lbs., 80c.; 25 lbs., \$1.85; 50 lbs., \$3.25; 100 lbs., \$6.25.

### GUANO.

A standard Fertilizer. Price, 5 lbs., 40c.; 10 lbs., 70c.; 50 lbs., \$2.75; 100 lbs., \$5.00. Write for price on larger lots—subject to market changes.

**BOWKER'S PLANT FOOD.** A first-class plant food. Small size pkg., 15c.; by mail, 20c.; large size pkg., 25c.; by mail, 40c.

**REGARDING PRICES.**—The above prices on Clay's Fertilizer, Nitrate of Soda, Horn Shavings, Land Plaster, Guano and Vaughan's Manure for the Home Garden are f. o. b. New York or Chicago; all the other prices are f. o. b. Chicago; if to be shipped from New York, add at the rate of 50c. per 100 lbs., or \$7.00 per ton on lots of 1000 lbs. or over to the above prices.

## The Yield and Quality of Vegetables Depend Upon Continuous and Rapid Growth.

It has been demonstrated that market-garden crops of the best quality are those which are grown under conditions which permit of a continuous and rapid development. Any delay in the growth of a lettuce or radish causes that sharp and pungent flavor of the former and the bitterness and toughened fibre of the latter, beets become stringy, etc. Plant food of the right amount and kind controls the yield and quality of market-garden products more than any other condition, and it is neither wise nor economical to depend on the natural condition of the soil or the application of stable manure only for profitable crops.

### VAUGHAN'S "ROSE GROWER" BONE MEAL.

This is a special brand we have put up for our trade. It is ground fine, hence acts quickly. Free from acid and a superb article. It is made from bone accumulated in large slaughter houses, and should not be compared with the Bone Meal made from cattle heads and feet gathered upon the Western prairies. Our "Rose Grower" Bone has been slightly steamed to soften it and is thus quicker in its action. ANALYSIS: Ammonia, 4½ to 5½ per cent; total phosphoric acid, 22 to 25 per cent; bone phosphate, 48 to 54 per cent.

Price, 5 lbs., 25c.; 10 lbs., 50c.; 25 lbs., 75c.; 50 lbs., \$1.25; 100 lbs., \$2.00; 200 lbs., \$3.50; 500 lbs., \$8.00; 1000 lbs., \$15.50; 2000 lbs., \$30.00.

**QUANTITY REQUIRED.**—For permanent pasture and mowing lands ½ to 1 ton per acre; for trees and vines, 2 to 4 quarts each; for top-dressing, 1000 to 1500 lbs. per acre; rose beds and plants, 1 part to about 50 of soil; for starting a new lawn, as a base, 3 to 5 lbs. per 100 square ft.



**ORDINARY BONE MEAL.** 5 lbs., 20c.; 10 lbs., 35c.; 25 lbs., 60c.; 50 lbs., \$1.00; 100 lbs., \$1.50; 200 lbs., \$2.85; 500 lbs., \$7.00; 1000 lbs., \$13.50; 2000 lbs., \$27.00.

### TRUCK MANURE No. 2.

#### "ALL SOLUBLE."

This brand has been prepared for such crops as require an extra quick, strong fertilizer; should be mixed well into the soil. Adapted for tobacco, hops, potatoes, flax, sugar beets, early cabbage, cauliflower, celery, fruits, etc., also very effective as an early top-dressing for strawberries, suitable for all soils (except sour). Quantity of pounds to be used per acre: Corn, 800 to 500; Clover, 200; Timothy, 200; Pastures, 200 to 600; Early Cabbage and Melons, 400 to 800; Peas, 400 to 800; Pumpkin and Squash, 300 to 600; Radish and Spinach, 500 to 1,000.

Price, 25 lbs., 70c.; 50 lbs., \$1.25; 100 lbs., \$2.00; 200 lbs., \$3.50; 1000 lbs., \$15.50; 2000 lbs., \$30.00.

### HORN SHAVINGS.

These are largely used by florists on such plants as Fuchsias, Geraniums, etc., and in the large vases in Parks and Cemeteries, to supply food after the natural fertility of the soil is exhausted. 5 lbs., 40c.; 10 lbs., 70c.; 25 lbs., \$1.25; 100 lbs., \$3.50.

### FRUIT AND ROOT CROP MANURE.

For fruit trees and small fruits, garden truck, tobacco, etc. Quick in starting, lasting in effect, giving firm, healthy growth and developing the fruit. Quantity of pounds to be used per acre: Beet, 500 to 1500; Carrot, 300 to 800; Parsnip, 400 to 1000; Potato, 500 to 1000; Sage, 200 to 600; Salsify, 500 to 1000; Turnip, 500 to 1000; Blackberry, 400 to 800; Grapes, 400 to 500; Strawberries, 500 to 1000.

Price, 25 lbs., 60c.; 50 lbs., 95c.; 100 lbs., \$1.65; 200 lbs., \$3.25; 500 lbs., \$7.00; 1000 lbs., \$13.50; 2000 lbs., \$26.00.

### MURIATE OF POTASH.

A form of Potash Salts to be used with Bone Meal, Bone and Blood or farm manures on fruits, celery, asparagus, corn, oats, turnips, cucumbers, grapes, carrots, onions, peas, clover and beans. Must not be used on hops, potatoes, tobacco, flax, sugar beets, cabbage or cauliflower. 50 to 400 pounds per acre. 100 lbs., \$3.00; 200 lbs., \$5.80; 500 lbs., \$13.75; 1000 lbs., \$27.00; 2000 lbs., \$53.00.

### SULPHATE OF POTASH.

A desirable form of Potash to be used on all crops, but especially on tobacco, hops, potatoes, flax, sugar beets, cabbage or cauliflower. Use 50 to 400 lbs. per acre.

100 lbs., \$3.50; 200 lbs., \$6.75; 500 lbs., \$15.00; 1000 lbs., \$29.00; 2000 lbs., \$58.00.

### BONE AND BLOOD.

For Cabbage, Cauliflower, Corn and other crops of 1½ surface growth; not desirable for root crops except it is used in connection with potash, salts, or hard wood ashes, and if so used it is especially adapted to fruits, if applied early. For garden crops drill in from 300 to 500 lbs. per acre.

Price, 25 lbs., 50c.; 50 lbs., 85c.; 100 lbs., \$1.50; 200 lbs., \$2.80; 1000 lbs., \$12.50; 2000 lbs., \$24.00.

### VAUGHAN'S LAWN FERTILIZER.

See page 111.



### VAUGHAN'S SHEEP MANURE.

This is a pure, natural Manure, and its effect is immediate; it is excellent for mixing with the soil for greenhouse plants—one part manure and six parts soil. Strewn over and dug into the vegetable garden or placed directly in drills or hills, it promotes a rapid, steady growth until maturity. It makes the richest, safest and quiet Liquid Manure. For use in liquid form, one pound to five gallons of water will make a liquid which can be used with safety daily if necessary.

Price, per 50 lbs., \$1.00; 100 lbs., \$1.75; 500 lbs., \$8.50; if shipped from New York. Per 50 lbs., 75c.; 100 lbs., \$1.35; 500 lbs., \$5.00; 1000 lbs., \$9.00; 2000 lbs., \$17.00, if shipped from Chicago. Smaller lots, 5 lbs., 20c.; 10 lbs., 30c.; 25 lbs., 45c., by express.

### KAINIT

#### Or German Potash Salt.

This contains on an average of 12 per cent of actual potash. It should be applied a considerable time before the crop is planted in order that it may be well distributed. It is not advisable to put it in the hill or row immediately before planting. Mixed with Bone Meal it is a splendid fertilizer as a top dressing for fruit trees and small fruits. Price, 10 lbs., 30c.; 25 lbs., 50c.; 100 lbs., \$1.50; 500 lbs., \$6.00; 1000 lbs., \$11.00.

### VAUGHAN'S

#### CONCENTRATED PLANT FOOD.

This is a most useful fertilizer for all kinds of plants raised in pots. It produces a rapid and vigorous growth and an abundance of flowers. Odorless and takes the place of liquid manure. Drives insects out of the soil.



Pkg. containing food for 20 plants for 3 months, 15c.; Large pkg., containing sufficient plant food for one year, 25c.; 3 for 65c.; if by mail, add 18c. per pkg. Each package contains full directions.



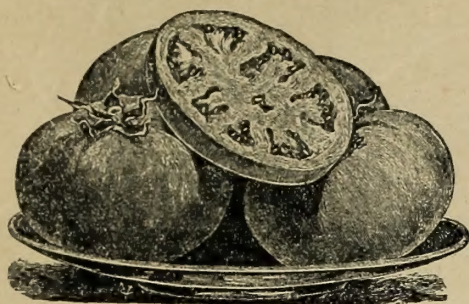
# TABLE OF CONTENTS

Explanation of Table Below: Numbers prefixed with (\*) represent Novelties; B, Bulbs; F, Farm Seeds; P, Plants; R, Roots; S, Seeds.

PAGE.	PAGE.	PAGE.	PAGE.	PAGE.
Abrus . . . . . S. 45	Canna . . . . . S. 50	Escholtzia . . . . . S. 55	Hydrangea . . . . . P. 82	Onions *4. S. 22, 23.
Abutilon . . . . . S. 45	Canna Beds . . . . . P. 86	Escholtzia Bush . . . . . S. 58	Hyssop . . . . . S. 17	24. Inside Back
Acalypha . . . . . P. 78	Canterbury Bells . . . . . S. 50	Esdragon . . . . . S. 17		Cover
Achillea . . . . . P. 94	Caraway . . . . . S. 17	Espasette . . . . . P. 94		Onion Sets . . . . . S. 58
Acroclemeum . . . . . S. 56	Cardoon . . . . . S. 16	Eulalia . . . . . P. 94		Osage Orange . . . . . S. 36
Actinidia . . . . . P. 92	Carex . . . . . P. 94	Eupatorium . . . . . P. 94		Ostrich Feather . . . . . S. 51
Adam's Needle . . . . . P. 97	Carnation *37. S. 51	Evening Glory . . . . . S. 56		Oxalis . . . . . S. 60
Adenophora . . . . . *37	Carrot . . . . . S. 9	Everlasting Flowers . . . . . S. 56		Orchid . . . . . P. 95
Adlumia . . . . . S. 45	Cart, Barrel . . . . . 104	Exochordia . . . . . P. 99		Oxalis . . . . . B. 74
Agatheia . . . . . S. 49	Cart, Leaf . . . . . 105	Farm Seeds . . . . . 34 to 36		Paeonies . . . . . P. 96
Ageratum *37. S. 45	Castor Bean . . . . . S. 51	Farfugium . . . . . P. 80		Palms . . . . . P. 83
Agrostemma . . . . . S. 45	Catalpa . . . . . S. 36	Fennel . . . . . S. 17		Pandanus . . . . . P. 83
Akebia . . . . . P. 92	Catnip or Catmint . . . . . S. 17	Fenugreek . . . . . F. 34		Pansy *44. S. 61, 62
Alfalfa . . . . . F. 102	Cauliflower . . . . . S. 12	Fenzlia . . . . . S. 56		Pardanthus . . . . . P. 96
Allegheny Vine . . . . . S. 45	Celeriac . . . . . *3. S. 13	Ferns . . . . . P. 80, 94		Parsley . . . . . S. 24
Almond . . . . . P. 99	Celery . . . . . *2. S. 13	Fern Ball . . . . . P. 80		Parsnip . . . . . S. 24
Alyssum . . . . . S. 45	Celery Manual . . . . . 13, 110	Fertilizers S. 22, 76, 102, 111		Passiflora . . . . . S. 63
Amaranthus *37. S. 45	Celosia . . . . . *38. S. 51	Festuca . . . . . P. 94		Passion Flower . . . . . S. 63
Amaryllis . . . . . B. 71	Centauria . . . . . S. 48	Feverfew . . . . . S. 59		Peaches . . . . . P. 95
Ambrosia . . . . . S. 48	Centrosema . . . . . S. 52	Flax . . . . . F. 35		Pea, Everlasting . . . . . F. 75
Ambrosium . . . . . S. 56	Century Vine . . . . . B. 74	Flower Seeds . . . . . 45 to 70		Peanuts . . . . . F. 35
Ampelopsis . . . . . S. 48	Cherry . . . . . P. 98	Flower Tubs . . . . . 107		Pear . . . . . S. 36
Anchusa . . . . . S. 48	Cherry, Ground . . . . . S. 33	Forget-Me-Not . . . . . S. 56		Peas . . . . . *4. S. 25, 26
Anemone *37. S. 48	Cherry, Jerusalem . . . . . S. 66	Forsythia . . . . . P. 99		Peat . . . . . 105
Anise . . . . . S. 17	Chervil . . . . . S. 16	Four O'Clock . . . . . S. 56		Pencils, Indelible . . . . . 105
Antemias . . . . . S. 48	Chick Food . . . . . 110	Foxglove . . . . . S. 54		Pennyroyal . . . . . S. 17
Antirrhinum . . . . . S. 48	Chicory . . . . . S. 16	Freesia . . . . . S. 56		Pentstemon *40. S. 64
Apios Tuberosa . . . . . B. 71	Chives . . . . . S. 17	Fringe . . . . . P. 99		Pepper . . . . . S. 26
Apple . . . . . S. 36	Chlidanthus . . . . . B. 71	Fuchsia . . . . . S. 56		Pepper Grass . . . . . S. 16
Aquilegia *37. S. 48	Chrysanthemums *38	Fumigators . . . . . 104		Peppermint . . . . . S. 17
Arabis . . . . . S. 48	S. 52. P. 80-94	Funkia . . . . . P. 95		Petunia *44. S. 62
Arctotis Grandis . . . . . S. 48	Chufas . . . . . F. 34	Gaillardia . . . . . S. 56		Phalaris . . . . . P. 83
Aristolochia . . . . . S. 48	Cineraria . . . . . *38. S. 52	Garden Making, In- . . . . . 30		Philadelphus . . . . . P. 99
Armeria . . . . . S. 48	Cinnamon Vine . . . . . B. 71	side Front Cover		Phlox . . . . . *39. S. 63
Artichoke . . . . . S. 5	Clarkia . . . . . S. 52	Garden Tools . . . . . 104, 107		Physostegia . . . . . P. 96
Jerusalem R. 36	Clematis . . . . . *38	Garlic . . . . . S. 16		Pilgryne Suavis . . . . . S. 17
Arundo . . . . . P. 94	S. 52. P. 92, 93, 94	Geranium . . . . . S. 57		Pimpinella . . . . . S. 83
Asclepias *37. S. 48	Cleome . . . . . S. 52	Germium . . . . . S. 57		Pink . . . . . *38. S. 55
Asparagus *2. S. 5	Clianthus . . . . . S. 52	Gilia . . . . . S. 57		Plant Bed Cloth . . . . . 105
Culture Book 5	Clovers, F. 34. S. 76, 102	Gingko . . . . . P. 99		Plant Stakes . . . . . 106
Asparagus Fern . . . . . S. 48	Cobaea Scandens S. 53	Ginseng . . . . . F. 35		Plants, Vegetable . . . . . 36
Asparagus Sprenger S. 48	Coleus . . . . . S. 53	Gladiolus . . . . . B. 72-73		Platycodon . . . . . *44. P. 96
Aspidistra . . . . . 78	Collections, Bargain Vege- . . . . . 78	Glass Cutter & Tools . . . . . 104		Plows . . . . . 108
Asters, Inside Front . . . . . 78	table, Inside back cover	Glaucium . . . . . *39		Plumbago . . . . . P. 96
Cover, *37. S. 46		Gloxinia . . . . . S. 56		Plums . . . . . P. 99
Australian Salt Bush F. 34		Gloetia . . . . . S. 57		Poppy, F. 35. S. 64
Azalea . . . . . P. 99		Golden Rod . . . . . S. 56		Poppy, California . . . . . S. 55
		Gomphrena . . . . . S. 56		Portulacca . . . . . S. 64
Bachelor's Button S. 49-52		Gooseberry . . . . . S. 36		Potatoes . . . . . R. 27
Balloon Vine . . . . . S. 49		Gourds . . . . . S. 57		Potatoe, Sweet R. 27
Balm . . . . . S. 17		Grafting Wax . . . . . 104		Poultry Supplies . . . . . 110
Balsams . . . . . S. 49		Grains . . . . . F. 36		Practical Garden . . . . . 110
Balsam Apple & Pear S. 49		Grapes . . . . . P. 98		Book, Inside
Barberry . . . . . P. 99		Grass Seed . . . . . F. 76, 78, 79		Front Cover.
Bargain Collection, P. 100		Grass, Beach . . . . . F. 102		Prepayment of
Barley . . . . . F. 34		Bermuda . . . . . F. 103		Charges . . . . . S. 45
Bartonia . . . . . S. 49		Blue . . . . . F. 102		Premiums, Inside
Basil, Sweet . . . . . S. 17		Blue 'd Dogst F. 102		Front Cover.
Beans . . . . . *2. S. 6, 7		Collector . . . . . 107		Primrose . . . . . S. 65
Bean Soja (Coffee . . . . . F. 34		Edger . . . . . F. 104		Primrose Baby S. 49
Berry) . . . . . F. 34		Fescue . . . . . F. 102		Primrose Evening . . . . . S. 60
Bean Velvet . . . . . F. 34		Johnson . . . . . F. 103		Primrose Mexican . . . . . S. 60
Beets . . . . . S. 8		Hooks or Suckles 104		Primula . . . . . S. 65
Beggar Weed . . . . . F. 34		Lawn . . . . . S. 76		Privet . . . . . P. 99
Begonia . . . . . *37		Meadow . . . . . F. 102		Prunus . . . . . P. 99
S. 49. B. 71. P. 78		Ornamental . . . . . S. 56		Ptellea . . . . . P. 99
Bellis . . . . . S. 54		Oat . . . . . F. 102		Pumpkin . . . . . S. 28
Bellows . . . . . P. 104		Orchard . . . . . F. 102		Pumps . . . . . *39
Bene . . . . . S. 17		Red Top . . . . . F. 76		Pyrethrum S. 65. F. 35
Bersem . . . . . F. 34		Rye . . . . . F. 102		S. 65. F. 35. P. 96
Bignonia . . . . . P. 92		Seed Mixtures F. 103		Quince . . . . . P. 98
Birch . . . . . S. 36		Sweet Vernal F. 102		Radish *4. S. 29-30. Back
Bird Seed . . . . . F. 34		Timothy . . . . . F. 102		Cover Page.
Blackberry . . . . . P. 97		Grevillea . . . . . S. 57		Raffia . . . . . 106, 110
Blackberry Lily . . . . . P. 96		Guarantee, Inside		Rakes . . . . . 106
Bocconia . . . . . P. 94		Front Cover		Rampion . . . . . S. 28
Bohnenkraut . . . . . S. 17		Gypsophila . . . . . S. 57		Rape, Essex . . . . . F. 35
Boltonia . . . . . P. 94		Halesia . . . . . S. 53		Raspberries . . . . . S. 36
Bone Meal . . . . . 111		Hamamelis . . . . . P. 99		Red Hot Poker . . . . . P. 97
Books . . . . . *2, 15, 16, 28, 110		Helenium . . . . . P. 95		Reed . . . . . 110
Borage . . . . . S. 17		Helianthus *44		Rhodanth . . . . . S. 56
Borecole . . . . . S. 17		S. 66. F. 36. P. 95		Rhododendron . . . . . P. 99
Brachycome . . . . . S. 49		Helichrysum . . . . . S. 56		Rhubarb . . . . . S. 28
Bromus Inermis . . . . . F. 103		Helipopsis . . . . . P. 95		Ribes . . . . . P. 99
Broccoli . . . . . S. 5		Heliotrope . . . . . S. 57		Ricinus . . . . . S. 51
Browallia . . . . . S. 49		Hen & Chickens . . . . . S. 54		Rollers, Garden . . . . . 104
Brussels Sprouts . . . . . S. 5		Henbane . . . . . S. 17		Rose, Baby or Fairy S. 49
Bryonopsis . . . . . S. 49		Hemerocallis . . . . . P. 95		Roses P. 87, 88, 89, 90
Buckwheat . . . . . F. 34		Herbs . . . . . S. 17		Rosemary . . . . . S. 17
Buddleia . . . . . P. 99		Hesperis . . . . . S. 58		Rudbeckia . . . . . S. 65
Bulbs . . . . . 71 to 75		Heuchera . . . . . S. 58		Rue . . . . . P. 99
Bulb or Fern Pans . . . . . 105		Hibiscus . . . . . S. 58		Rutabaga . . . . . S. 33
Butterfly Flower . . . . . S. 66		Hoe . . . . . 104		Saffron . . . . . S. 17
Cabbage *3. S. 10, 11		Hoe, Horse . . . . . 108-109		Sage . . . . . S. 17
12 . . . . . P. 36		Hoe, Wheel . . . . . 108-109		Sage, Flowering *43. S. 65
Cacalia . . . . . P. 83		Hollyhock . . . . . S. 58		Sainfoin . . . . . F. 36
Caladium B. 71. P. 82		Honey Plants . . . . . S. 69		Salpiglossis . . . . . S. 65
Calampelis . . . . . S. 49		Honeysuckle . . . . . P. 93		Salsify . . . . . S. 28
Calceolaria . . . . . S. 49		Hop . . . . . S. 17		Salvia *43. S. 65
Calendula . . . . . S. 50		Hop, Japanese . . . . . S. 58		Sambucus . . . . . P. 99
Calla . . . . . B. 71. P. 79		Horehound . . . . . S. 17		Sanvitalia . . . . . S. 65
Calla Spotted B. 71. P. 79		Horse Boots . . . . . 107		Sash, Hot Bed . . . . . 106
Calliopis . . . . . S. 50		Horse Radish . . . . . R. 36, S. 16		Savory, Summer . . . . . S. 17
Calycanthus . . . . . P. 99		Horse Radish Grater 104		Savory, Winter . . . . . S. 17
Campanula . . . . . S. 50		Hose and Requisites 104		Saws . . . . . 106
Canary Bird Creeper . . . . . S. 50		Hose and Requisites 104		Scabiosa . . . . . S. 66
Candytuft *37 . . . . . S. 50		Hyacinth Bean . . . . . S. 58		Schizanthus . . . . . S. 66
S. 50. P. 84, 85, 86		Hyacinthus Candicans B. 74		Scolymus . . . . . S. 31
				Scorzonera . . . . . S. 28
				Scythies and Requi- . . . . . 106
				sites
				Setum . . . . . S. 66
				Small Fruit . . . . . S. 36
				Smilax . . . . . S. 66
				Snadragon . . . . . S. 48
				Snowball . . . . . P. 100
				Snowberry . . . . . P. 100
				Snowdrop Tree . . . . . P. 99
				Snow Cutter . . . . . 106
				Solanum . . . . . S. 66
				Solidago . . . . . S. 56
				Sorrel . . . . . S. 28
				Special Offers, Inside
				Back Cover Page.
				Speltz . . . . . F. 36
				Spinach . . . . . S. 31
				Spiraea . . . . . P. 100
				Sprinklers . . . . . 106
				Spurry . . . . . S. 36
				Squash . . . . . *4. S. 31
				Staphyllea . . . . . P. 100
				Star Pink . . . . . *38
				Statice . . . . . P. 97
				Stephanandra . . . . . P. 100
				Stevia . . . . . S. 66
				Stocks . . . . . S. 66
				Stokesia . . . . . P. 97
				Stonocorp . . . . . P. 96
				Strawberry . . . . . S. 36
				Sugar Cane . . . . . F. 36
				Sunflower *44. S. 66
				Surprise Collections, P. 77
				Sweet Grass . . . . . 110
				Sweet Marjoram . . . . . S. 17
				Sweet Peas *42. 43. S. 67, 68
				Sweet Scented To- . . . . . 60
				bacco
				Sweet Sultan . . . . . S. 52
				Sweet Violets . . . . . S. 68
				Sweet William S. 68
				Swiss Chard . . . . . S. 31
				Syringa . . . . . P. 100
				Syringes . . . . . 107
				Symphoncarpus . . . . . P. 100
				Tagetes Lucida . . . . . S. 17
				Tamarix . . . . . P. 100
				Tarragon . . . . . S. 17
				Tassel Flower . . . . . S. 49
				Teosinte . . . . . F. 36
				Terms, Inside Front Cover.
				Thermometers . . . . . 107
				Thistle Cutters . . . . . 107
				Thunbergia . . . . . S. 68
				Thyme . . . . . S. 17
				Tigridias . . . . . B. 74
				Tobacco . . . . . F. 36
				Tomato *4. S. 32, 33
				Back Cover Page.
				Tools . . . . . 104-107
				Torenia . . . . . S. 68
				Tree Pruners . . . . . 107
				Tree Seeds . . . . . F. 36
				Trellises . . . . . 107
				Tritoma . . . . . P. 97
				Trowels . . . . . 107
				Tuberose . . . . . B. 74
				Turnip . . . . . S. 33
				Umbrella Plant . . . . . S. 53
				Vegetable Garden- . . . . . 2, 15, 28, 30
				ing
				Vegetable Plants . . . . . P. 36
				Vegetable Seeds . . . . . 2 to 30
				Verbena . . . . . *42. S. 68
				Inside Front Cover.
				Veronica . . . . . P. 97
				Vetches . . . . . F. 36
				Viburnum . . . . . P. 100
				Vinca . . . . . S. 68
				Violets . . . . . S. 68
				Wall Flower . . . . . S. 69
				Watering Pots . . . . . 107
				Weather Plant . . . . . S. 45
				Weed Extractor . . . . . 107
				Weed Killer . . . . . 107
				Weigela . . . . . P. 100
				Wheat . . . . . F. 36
				Wheel Barrows . . . . . 107
				Wigandia . . . . . *42
				Wild Rice . . . . . F. 36
				Wistaria . . . . . P. 93
				Wood Ribbon . . . . . 110
				Wormwood . . . . . S. 17
				Xanthoceras . . . . . P. 100
				Xanthemum . . . . . S. 56
				Yucca . . . . . P. 97
				Zephyranthus . . . . . B. 74
				Zinnia . . . . . S. 69



See **ILLUSTRATIONS** on Back Cover Page, which are Painted from Nature



VAUGHAN'S MODEL TOMATO.

## Vaughan's Model Tomato

SENT OUT IN 1901 IN TRIAL PACKETS

AS "NUMBER 1901"



**T**HE FOLIAGE IS VERY LARGE, broad, very deep, dark green, and is heavily blistered. The fruit is first-class in size, measuring on an average of 4 inches in diameter by 2 1/4 inches high, smooth, very meaty, and of best quality; color, deep, brilliant scarlet. The plants are of bush form (similar to Dwarf Champion), holding the fruit well off the ground. It is the best sort we know for planting on rich, moist land, where the long-vined sorts will often decay. It is one of the first to ripen, which, with its brilliant color, grand size, fine shape and freedom from an "earthy" taste, makes it valuable to all Tomato growers. Grown among 25 leading kinds by a Tomato expert, he pronounces it the handsomest and most attractive sort in cultivation, besides possessing all the other requisite qualities to make it first-class for the house, garden or the market. It is also suitable for growing under glass. Pkt., 10c.; 3 for 25c.; 1/2 oz., 30c.; oz., 50c.

## Southport Globe Onions

WE are taking a great deal of pride in our strains of Southport Onions, the white and yellow as well as this one. Our Seed Onions are selected with greatest care and none are planted except they have all the necessary requirements of the true type. The Onions are almost perfectly globe-shaped, with thin necks and clear skin.

**Southport Blood-Red Globe.** Our Blood-Red Globe is of a beautiful crimson red, and a better lot of seed cannot be found. This variety has for the past 5 years proven one of the most profitable for the market and shipping trade, commanding uniformly good prices in carload lots. Ours is the best selling color and shape. Lb., \$1.50; 1/2 lb., 50c.; 2 oz., 35c.; oz., 20c.; 1/2 oz., 10c.; pkt., 5c., postpaid; by express, lb., \$1.40; 5 lbs., \$6.50; 10 lbs., \$12.00.

**Southport Yellow Globe.** A main crop, late, large, round onion. It is sure to satisfy the one who buys a packet or the one who sows 50 pounds for carload shipments. A truly grand Onion whose large golden-yellow spheres make a beautiful appearance sacked or barreled for the market. Finest of all yellow onions for keeping. Lb., \$1.50; 1/2 lb., 50c.; 2 oz., 35c.; oz., 20c.; 1/2 oz., 10c.; pkt., 5c., postpaid; by express, lb., \$1.40; 5 lbs., \$6.50; 10 lbs., \$12.00.

**Vaughan's Ideal White Globe.** This is the handsomest of all Onions. Our genuine Connecticut grown stock is of the true globe form; pure white, hard, small necked, ripening very early and evenly, a good keeper. We supply the largest market gardeners in Chicago and the west. No market gardener or Onion grower can afford to plant inferior stock, with only cheapness of price to recommend it, when seed like ours is to be had, the results of a few ounces often paying twice the first cost of the best seed. Lb., \$2.40; 1/2 lb., 70c.; 2 oz., 40c.; oz., 25c.; 1/2 oz., 15c.; pkt., 10c., postpaid; by express, lb., \$2.25; 5 lbs., \$10.50; 10 lbs., \$20.00.

### VAUGHAN'S SELECTED STOCK

Eastern Grown

**FINEST SHAPED  
BEST COLORED  
and  
Largest Croppers  
Excellent Keepers**

## Improved Early Scarlet Globe

VAUGHAN'S  
Selected Stock



**A** DESIRABLE sort for hot-bed forcing and out doors; very early; Radish mild, crisp, juicy and tender; top small; will stand heat without becoming pithy. One of the best selling and most attractive Radishes on account of its bright scarlet color and handsome shape; is ready in 28 days. Our stock of this is the very best, selected with special care as to size, shape, color and earliness, and market gardeners will find it a money-maker, as it is just right in every respect. Market gardeners who raise this (and other sorts too for that matter) can depend on the quality being right. We take the greatest pains to have it so. For family use this should be sown every ten days in order to always have a fresh supply. Lb. 90c.; 1/2 lb., 30c.; 2 ozs., 15c.; oz. (enough for a family garden) 10c.; pkg., 5c., postpaid; by express, lb., 80c.; 5 lbs., \$3.75; 10 lbs., \$7.25.

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NUMBER ONLY

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2. CARROT, Nantes, the sweetest of all.
3. CRESS, Curled, splendid Greens.
4. CUCUMBER, White Spine, for slicing and pickles.
5. LETTUCE, Curled Simpson, sow in succession.
6. ONION, Silver Skin, for green Onions and boiling.
7. PARSLEY, Moss Curled, comes always handy.
8. RADISH, French Breakfast, crisp and tender.
9. SWISS CHARD, or Summer Spinach, good all summer.
10. RADISH, All Seasons, none better for Summer.

**Free** With every one of these 2 Bargain Collections we mail a copy of "Vaughan's Vegetable Garden," which tells how to sow and plant.

If to be sent by freight or express with other goods, or purchased at our store, we furnish one-half pint each of the Beans, Peas and Sweet Corn, instead of the regular packets. No change in kinds allowed. To Canada 10c. extra postage.

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3. CARROT, Early Nantes, sweetest of all
4. CABBAGE, All Seasons, always a sure header.
5. CORN, Early Evergreen Sweet.
6. CUCUMBER, White Spine, for slicing and pickles.
7. CAULIFLOWER, Snowball, quick and reliable.
8. KOHLRABI, White Vienna, as delicious as Cauliflower.
9. LETTUCE, Curled Simpson, sow in succession.
10. MUSK MELON, Rocky Ford, early and sweet.
11. ONION, Silver Skin, for green Onions and boiling.
12. PARSLEY, Moss Curled, always comes handy.
13. RADISH, French Breakfast, crisp and early.
14. RADISH, All Seasons, none better for Summer.
15. PEA, Surprise, quick and delicious.
16. PARSNIP, Hollow Crown, is good for all Winter.
17. SQUASH, Hubbard, the old reliable.
18. SWISS CHARD, or Summer Spinach, good all season.
19. TOMATO, Early Michigan, hard to beat.
20. TURNIP, Earliest White Milan.



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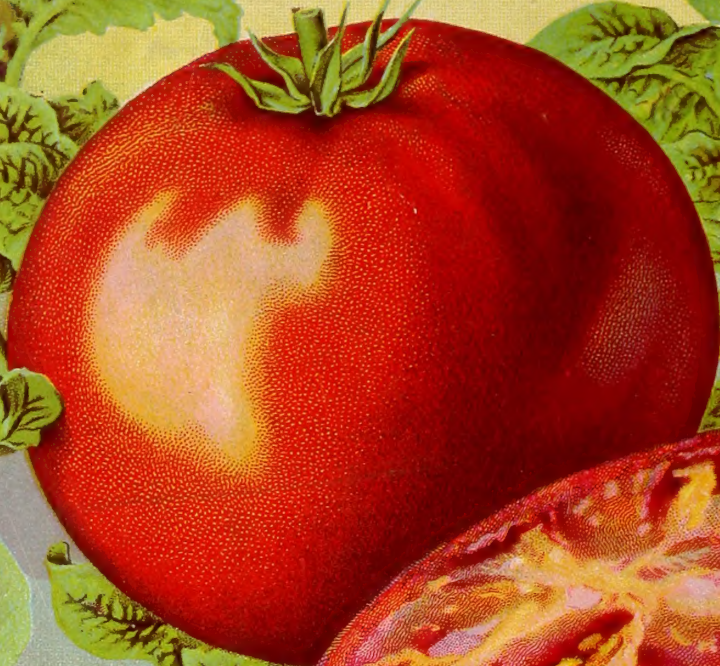
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# Vaughan's "Model" Tomato

The handsomest and most attractive kind,  
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